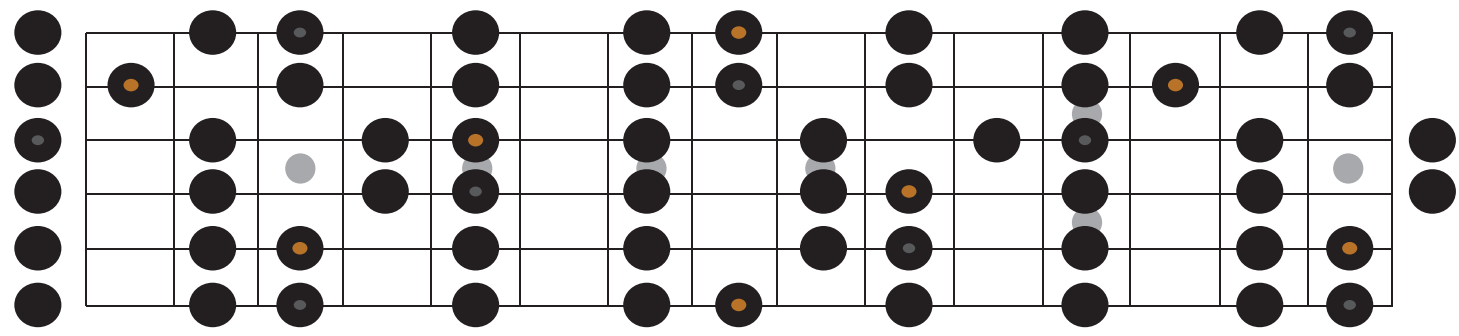
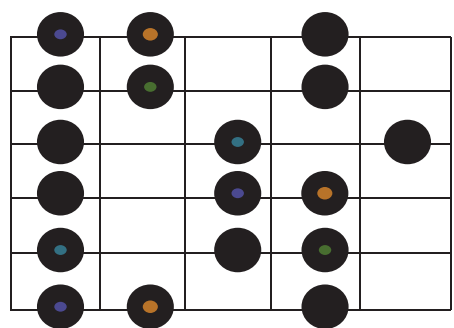


chord in bar	notes in current bar or preceding chord	best chord scale			
Major (P3, P7)	P4	Ionian	I	T-T-s-T-T-T-s	
	#4	Lydian	IV	T-T-T-s-T-T-s	
Minor (b3)	P6	Dorian	II	T-s-T-T-T-s-T	
	b6	P2	Aeolian	VI	T-s-T-T-s-T-T
	b2	Phrygian	III	s-T-T-T-s-T-T	
Dominant (P3, b7)	P4	Mixolydian	V	T-T-s-T-T-s-T	
	#4	Lydian b7	IVb7	T-T-T-s-T-s-T	
	Altered Notes: b9, #9, #11, b13	b13 (b6)	Altered	(II)	s-T-s-T-T-T-T
	P6	Symmetrical Diminished		s-T-s-T-s-T-s-T	
Half-Diminished (minor7b5)		Locrian	VI	s-T-T-s-T-T-T	

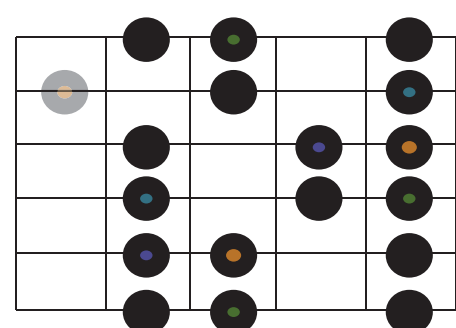
C Lydian
 Major
 #4
 T-T-T-s-T-T-s
 IV



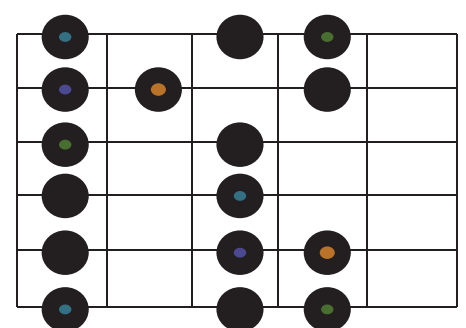
C



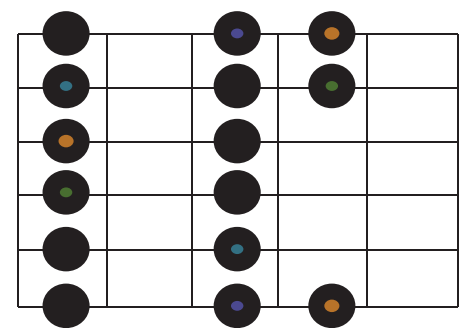
"E"



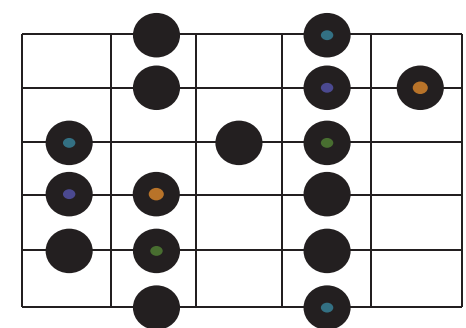
"A"



"C"

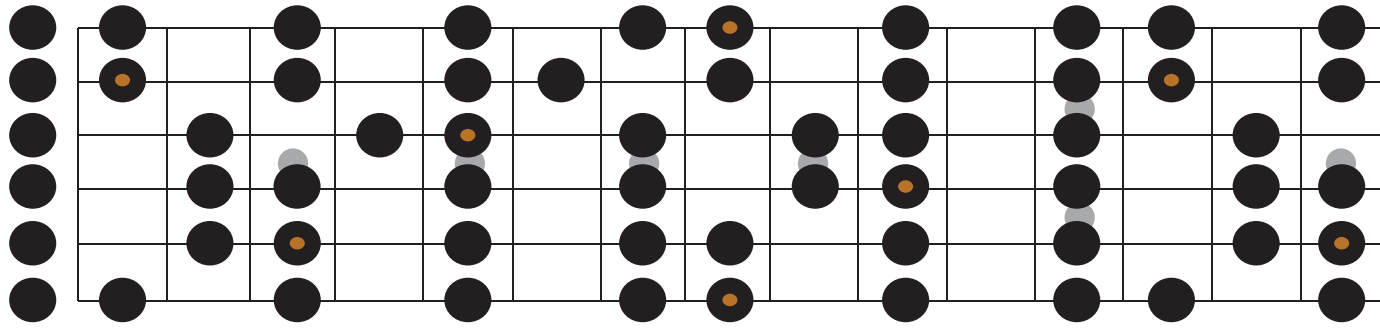


"G"

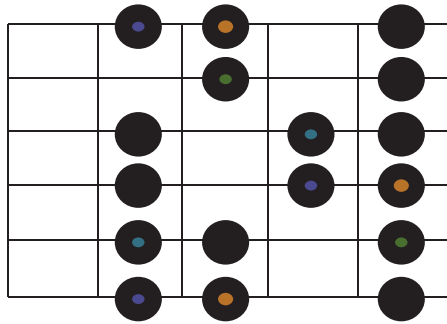


"D"

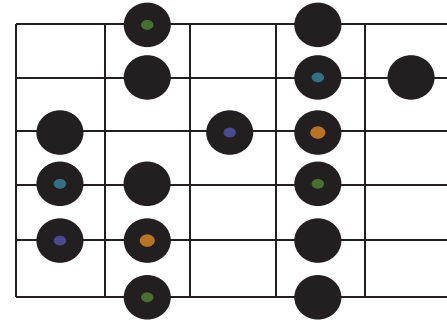
C Ionian
Major
Perfect
T-T-s-T-T-T-s
I



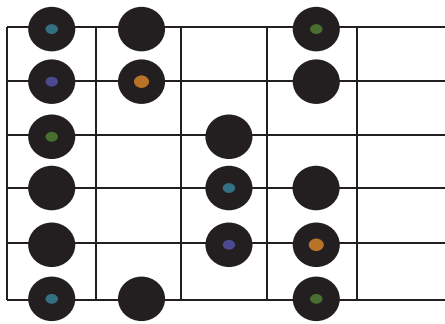
C



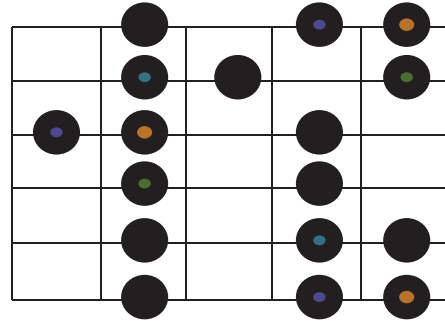
"E"



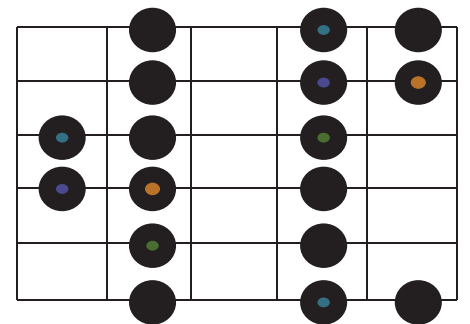
"A"



"C"

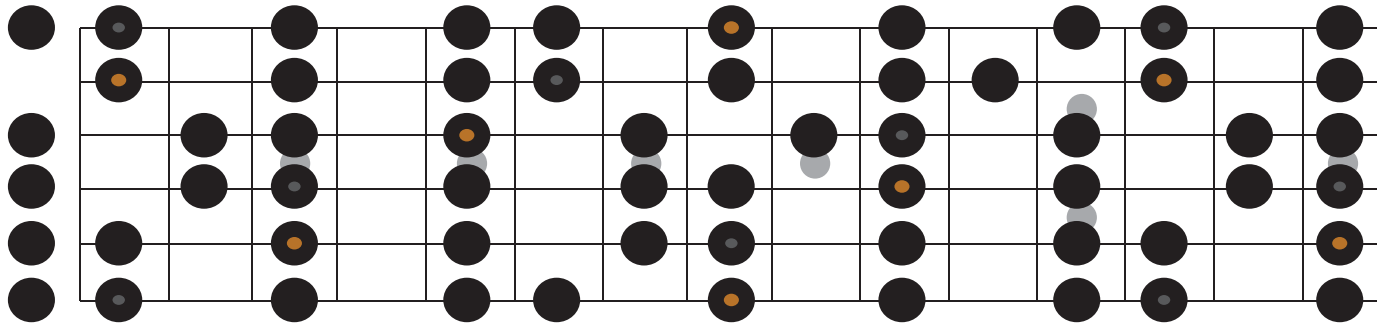


"G"

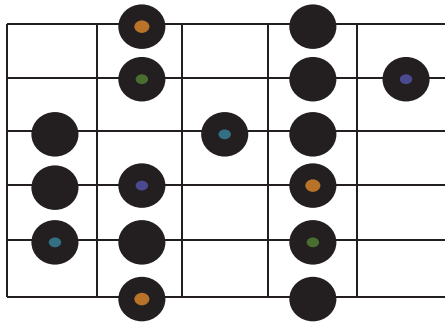


"D"

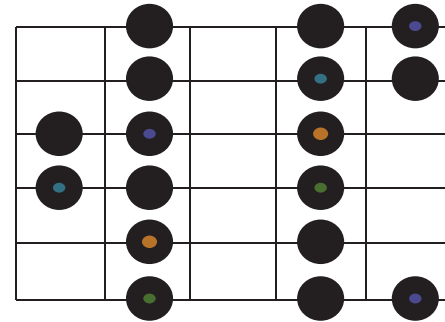
C Mixolydian
 Dominant 7
 b7
 T-T-s-T-T-s-T
 V



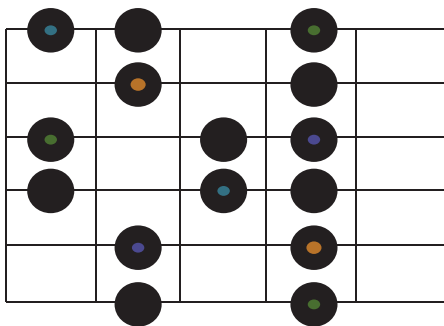
C



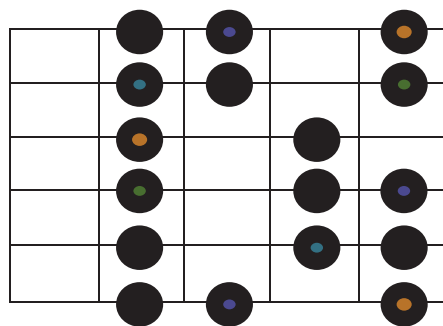
"A"



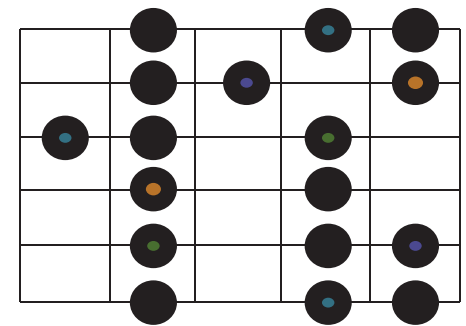
"D"



"E"

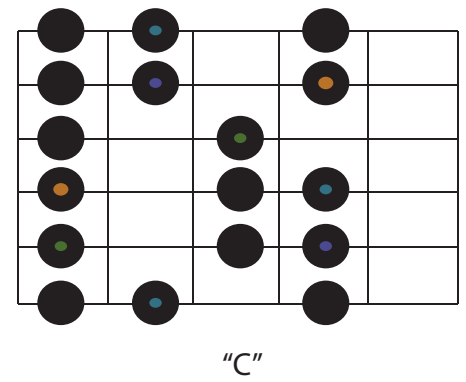
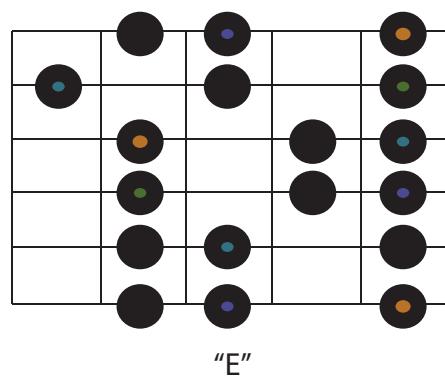
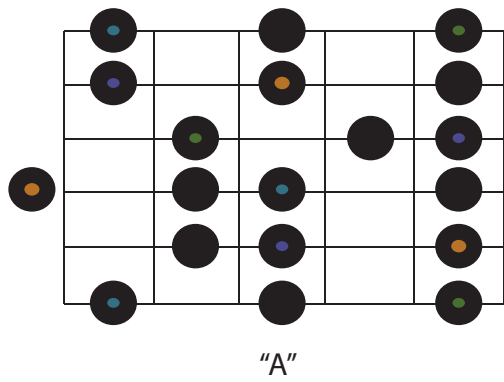
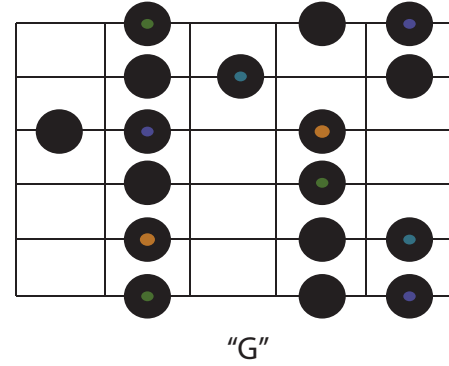
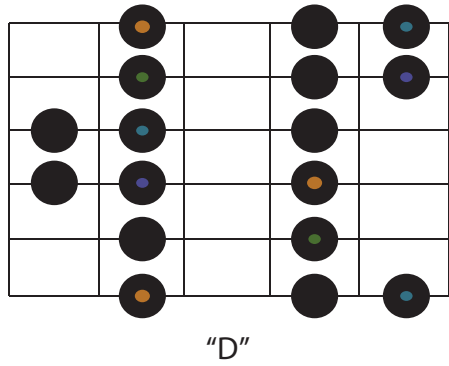
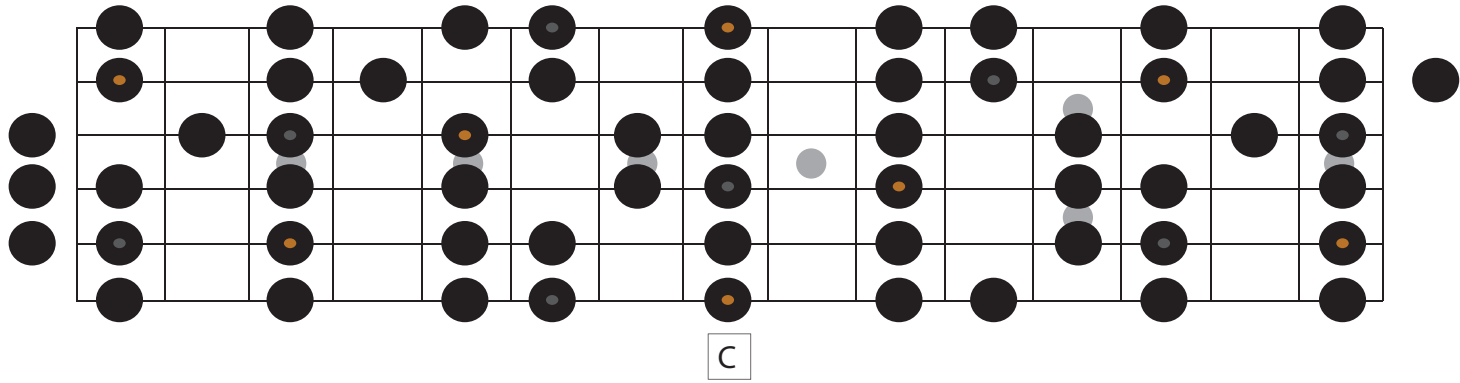


"C"

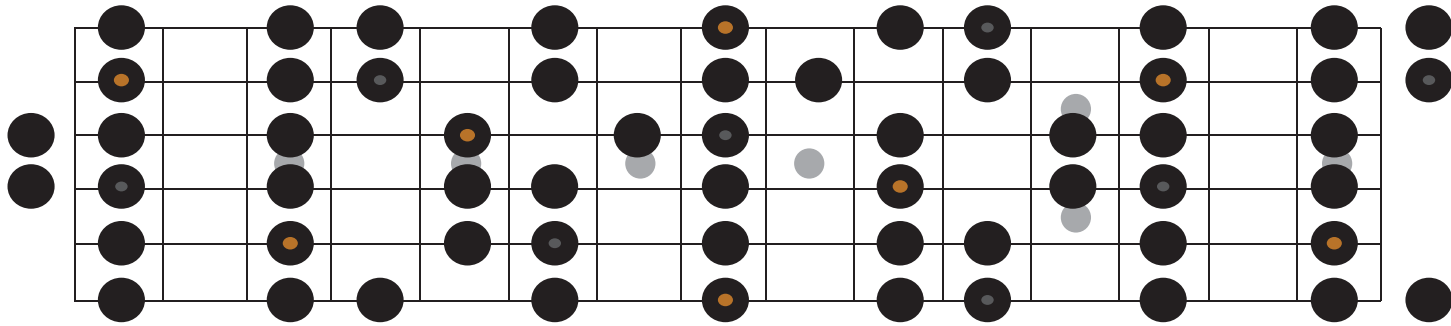


"G"

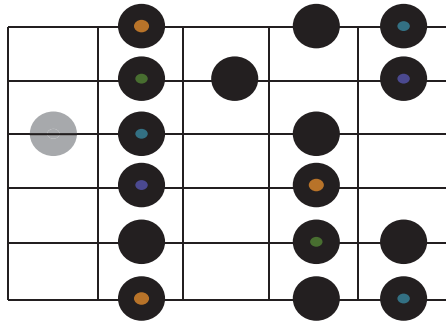
C Dorian
 Minor
 b3, b7
 T-s-T-T-T-s-T
 II



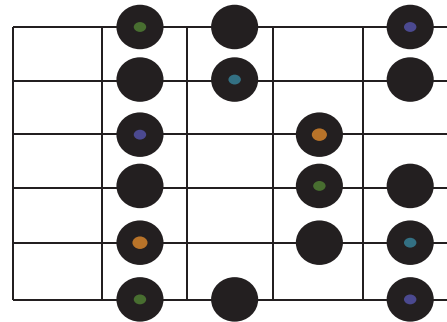
C Aeolian
 Minor
 b3, b6, b7
 T-s-T-T-s-T-T
 VI



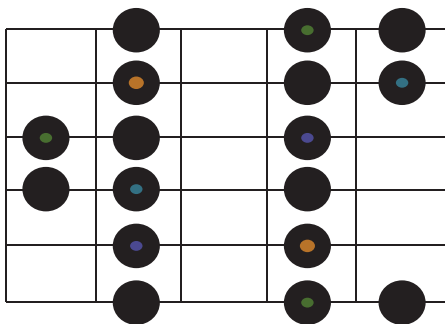
C



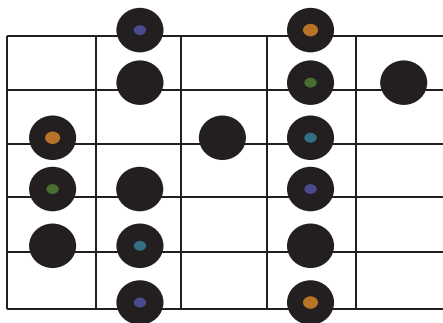
"G"



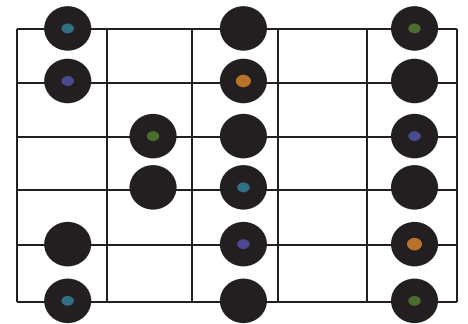
"C"



"D"

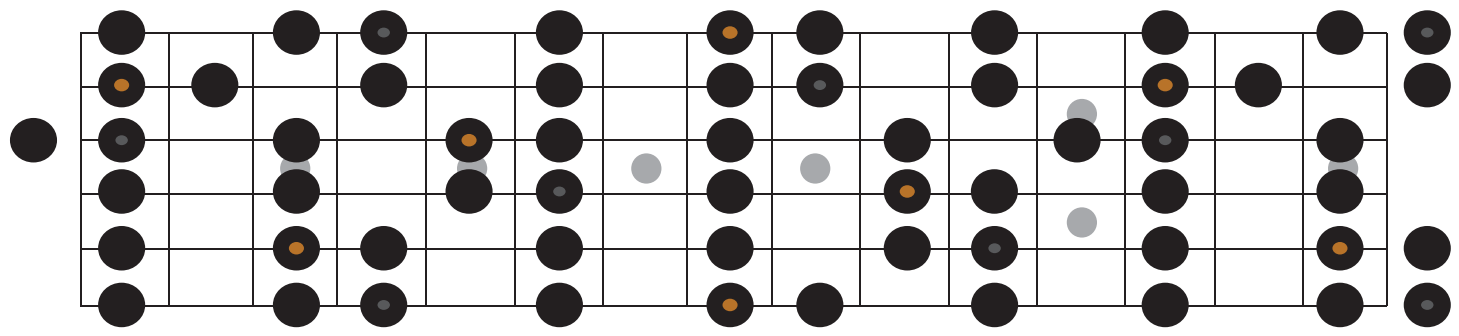


"E"

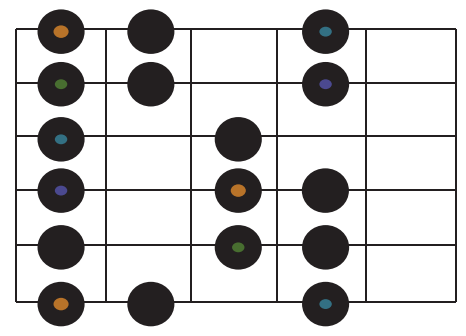


"D"

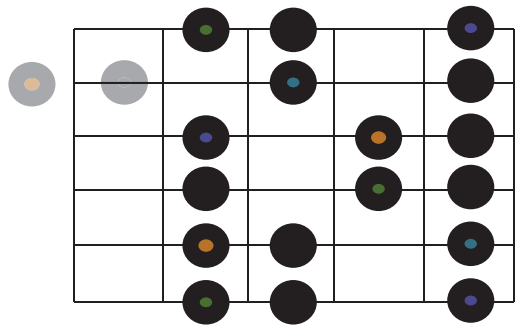
C Phrygian
 Minor
 b2, b3, b6, b7
 s-T-T-T-s-T-T
 III



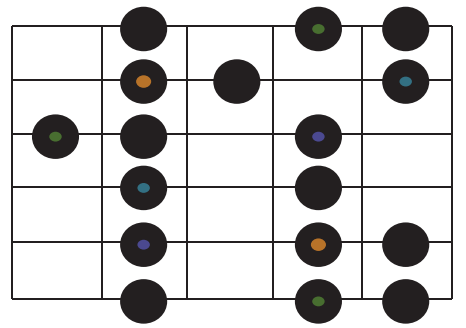
C



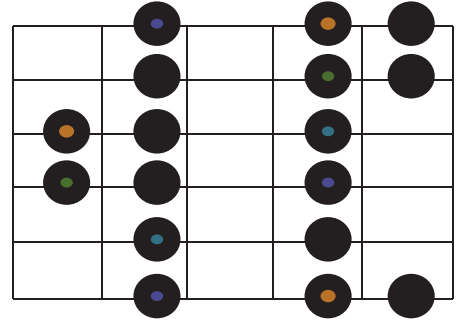
"C"



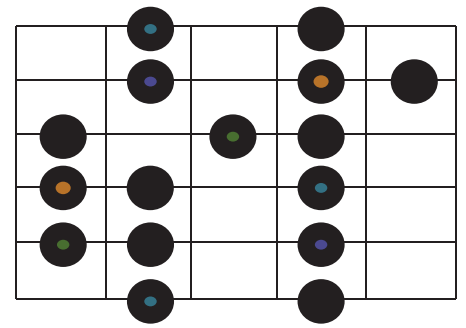
"A"



"G"

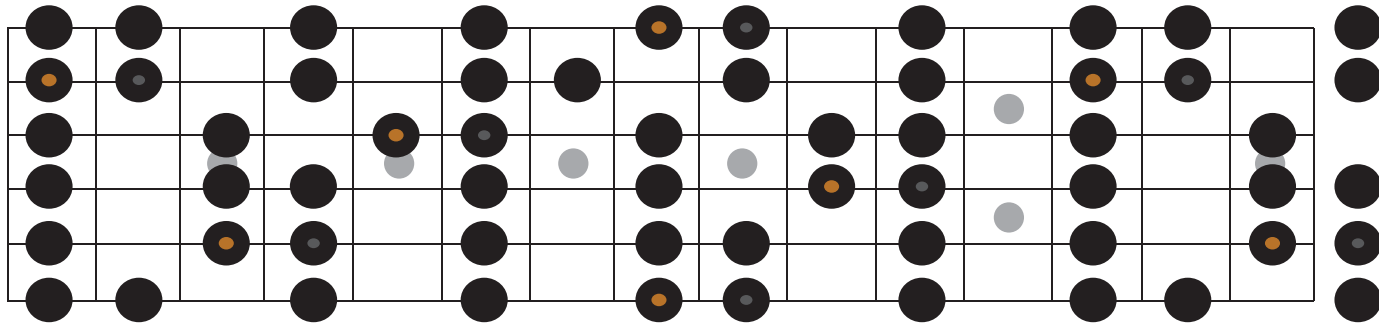


"D"

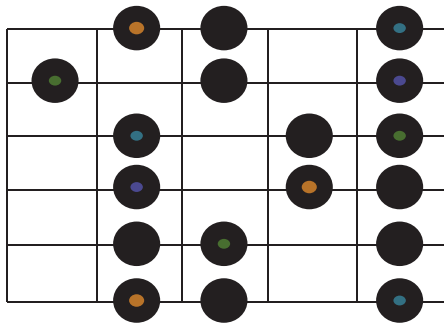


"A"

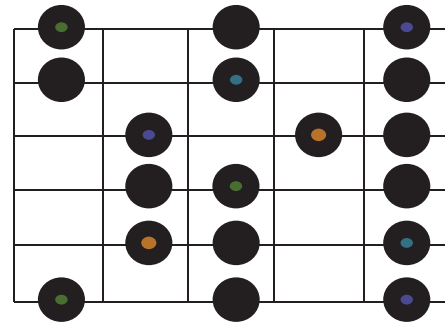
C Lorcian
 Half-Diminished
 b2, b3, b5, b6, b7
 s-T-T-s-T-T-T
VII



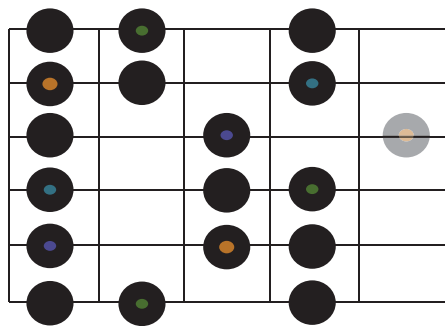
C



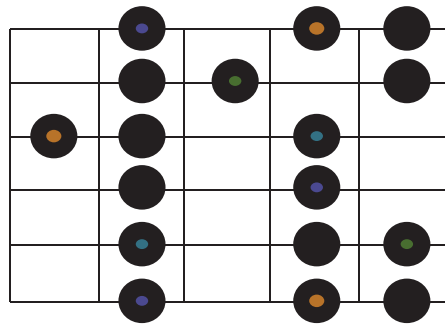
"E"



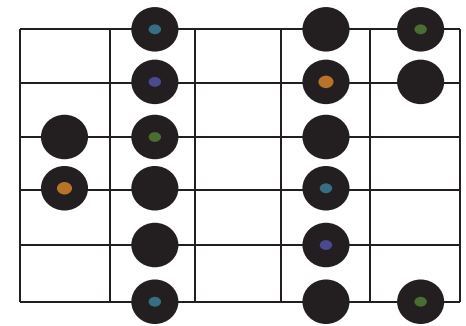
"A"



"C"

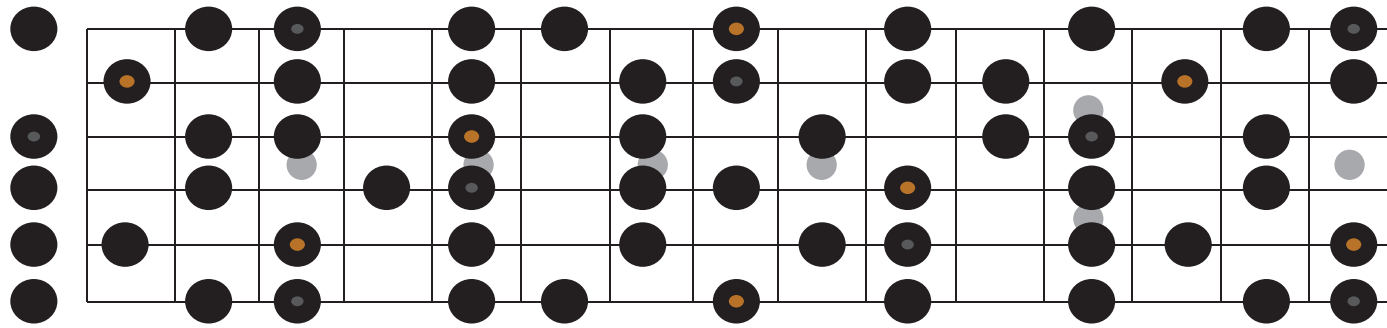


"G"

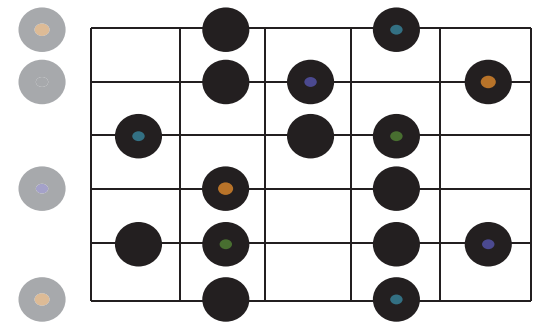
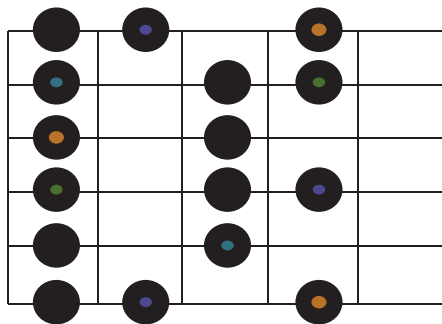
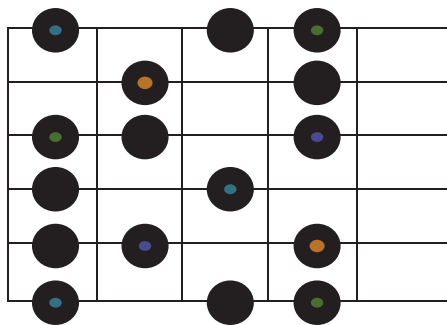
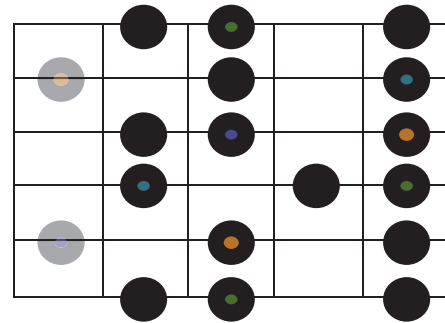
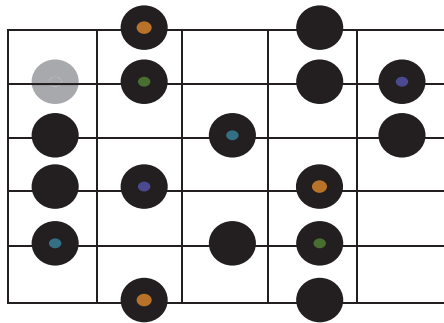


"D"

C Lydian b7
 Dominant 7
 #4, b7
 T-T-T-s-T-s-T
 IV_b7



C



C Altered

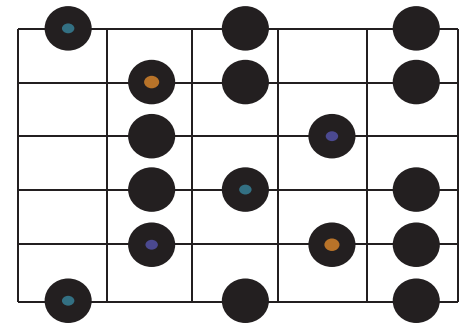
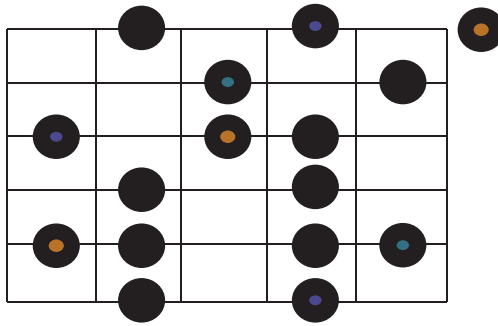
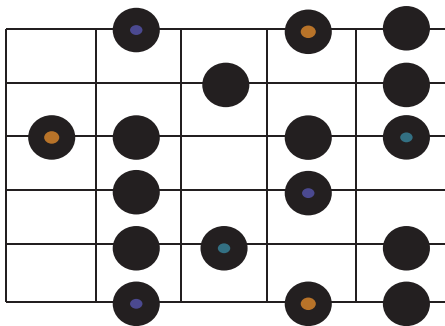
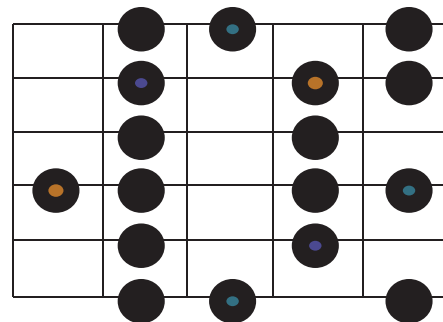
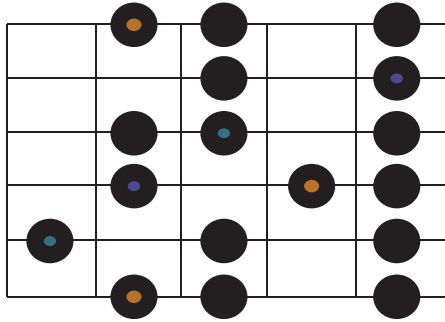
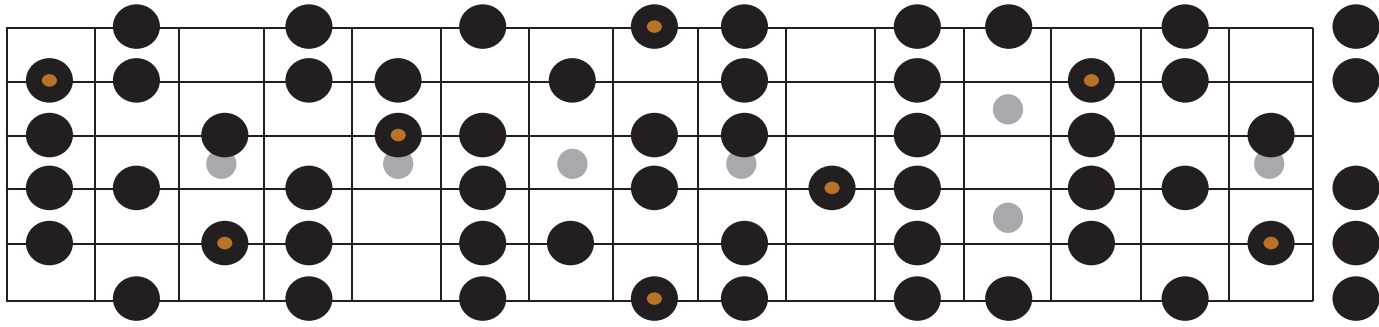
Dominant 7

b9, #9, b11, #11, b6, b7

(plus 5th)

s-T-s-T-T-T-T

(II)

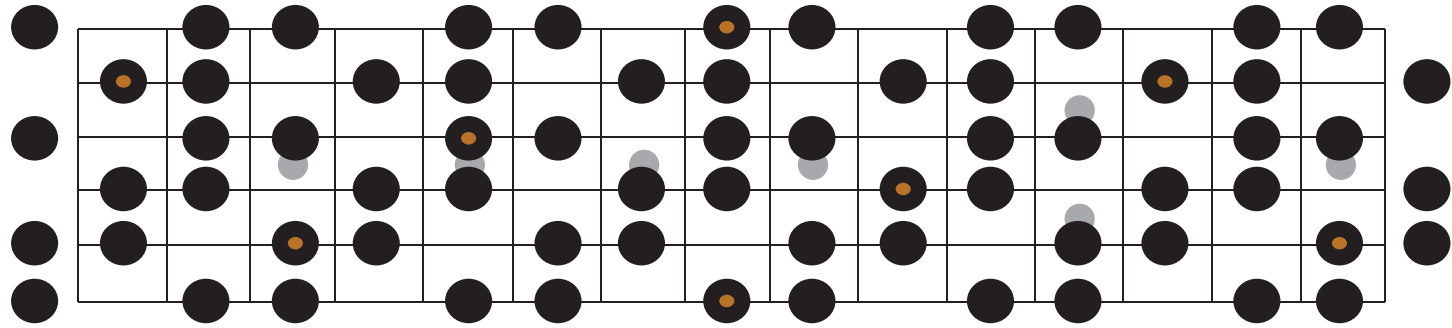


C Symmetrical Diminished

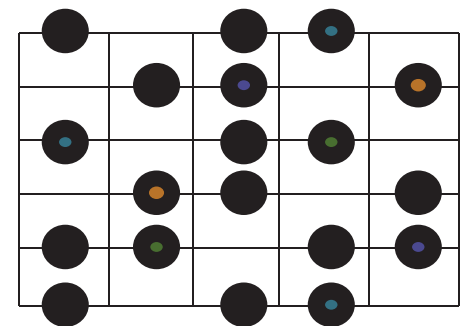
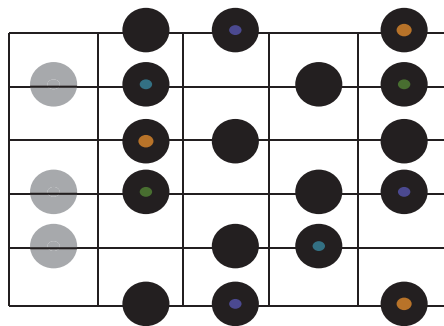
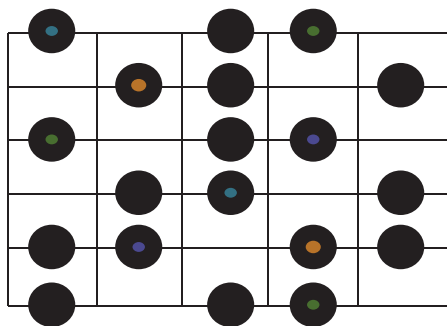
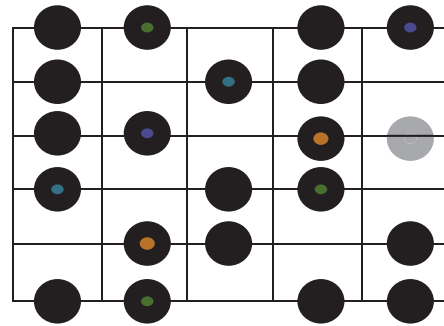
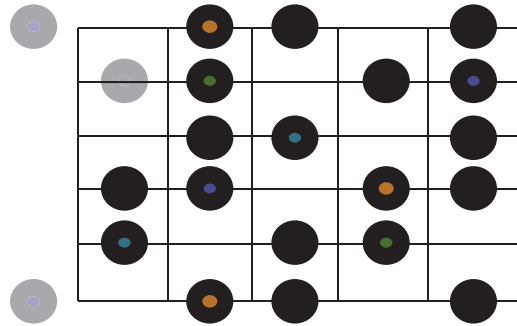
Dominant 7

b9, #9, 3, #4, 5, 6, b7

s-T-s-T-s-T-s-T



C



Diatonic arpeggios in a Major key will ascend:

Ma7 - mi7 - mi7 - Ma7 - Dom.7 - mi7 - Half-Diminished (Mi7b5)

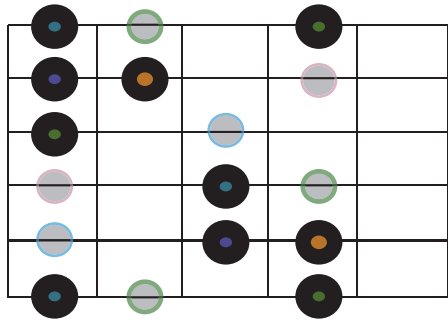
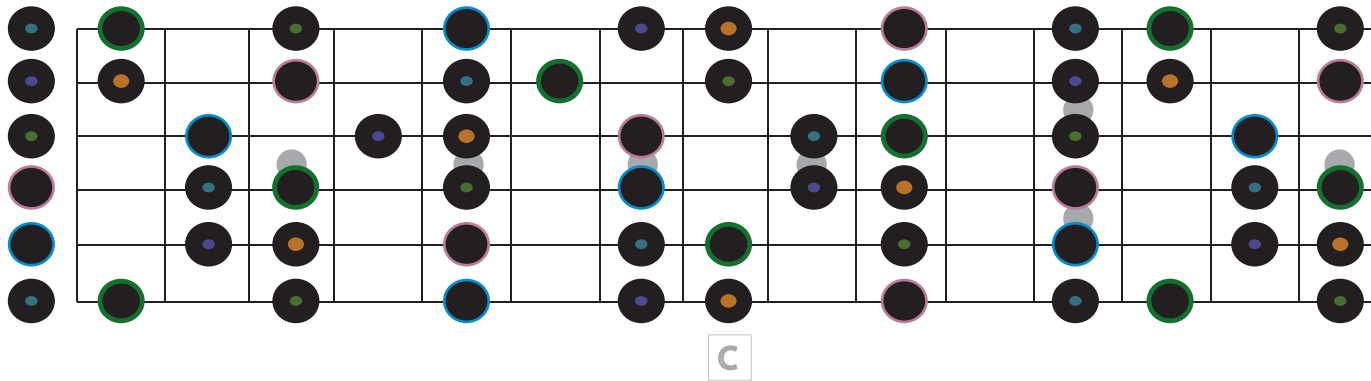
	I Maj7 1,3,5,7	w T	ii Mi7 1,b3,5,b7	w T	iii Mi7 1,b3,5,b7	h s	IV Maj7 1,3,5,7	w T	V_{dom} Dom.7 1,3,5,b7	w s	vi mi7 1,b3,5,b7	w T	vii^o Mi7b5 1,b3,b5,b7	h s	I
Key of C:	Cmaj7		Dm7		Em7		Fmaj7		G7		Am7		Bm7b5		

INTERVALS KEY

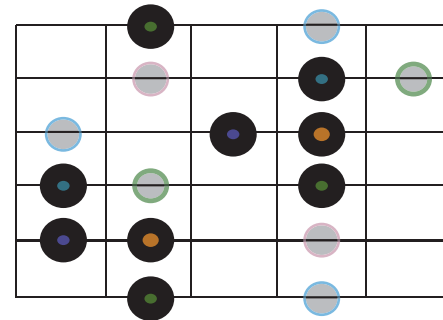
I		Root	Ionian	T-T-s-T-T-T-s	Perfect
ii		Second	Dorian	T-s-T-T-T-s-T	b3, b7
iii		Third	Phrygian	s-T-T-T-s-T-T	b2, b3, b6, b7
IV		Fourth	Lydian	T-T-T-s-T-T-s	#4
V_{dom}		Fifth	Mixolydian	T-T-s-T-T-s-T	b7
vi		Sixth	Aeolian	T-s-T-T-s-T-T	b3, b6, b7
vii^o		Seventh	Lorcian	s-T-T-s-T-T-T	b2, b3, b5, b6, b7

C Ionian
 Major
 Perfect
 T-T-s-T-T-T-s
 I

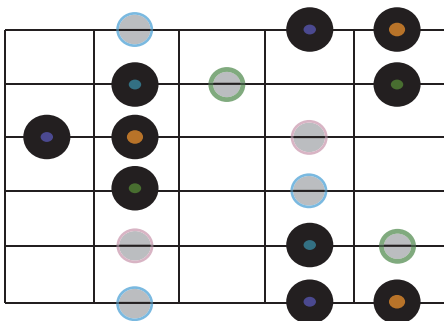
Ionian is Root



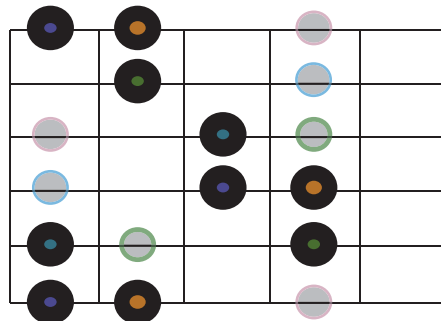
"C"



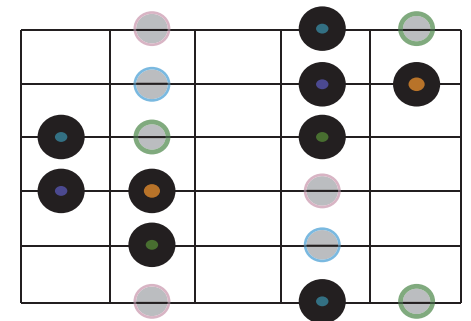
"A"



"G"



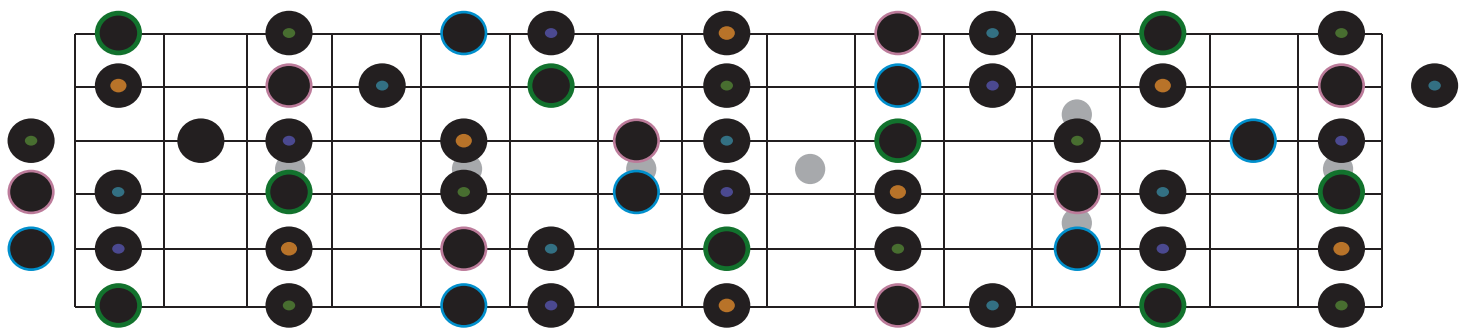
"E"



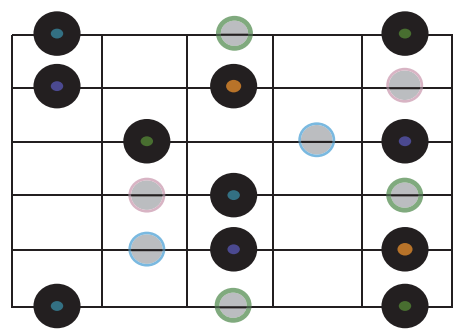
"D"

C Dorian
 Minor
 b3, b7
 T-s-T-T-T-s-T
 II

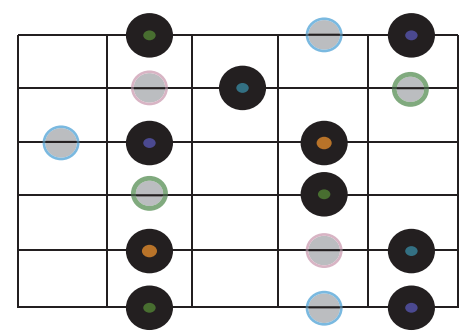
Relative Ionian is
 b7



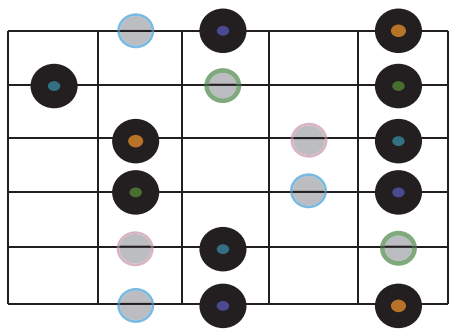
C



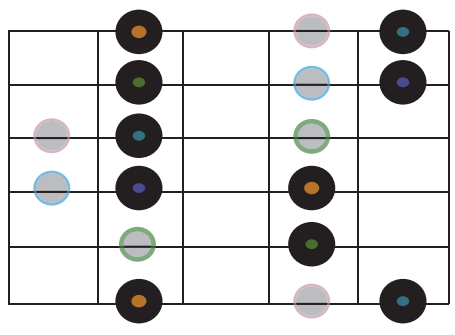
"A"



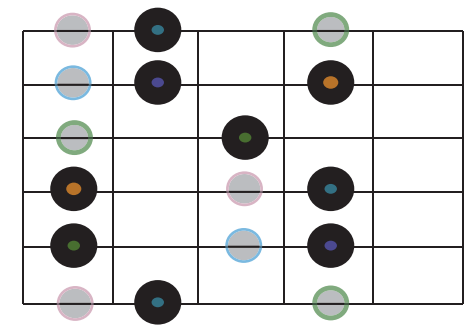
"A"



"E"



"D"



"C"

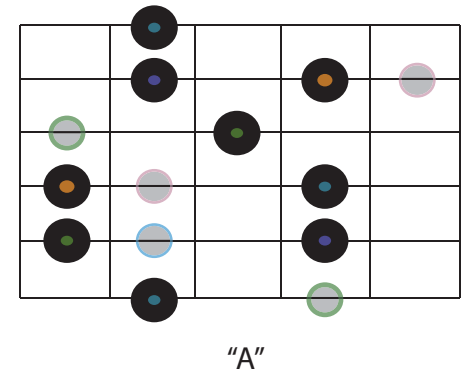
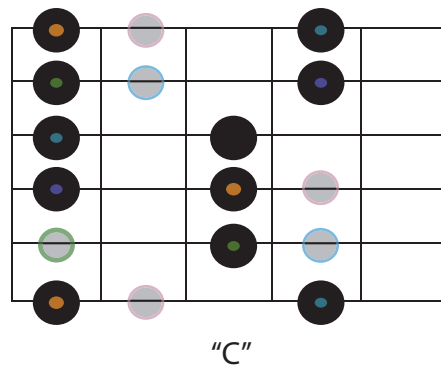
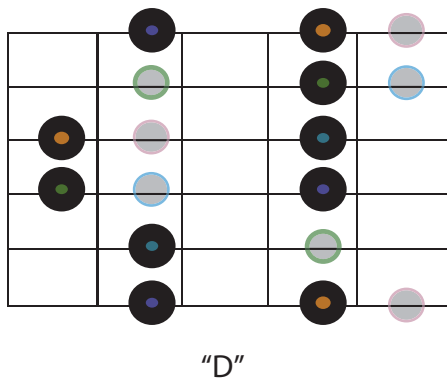
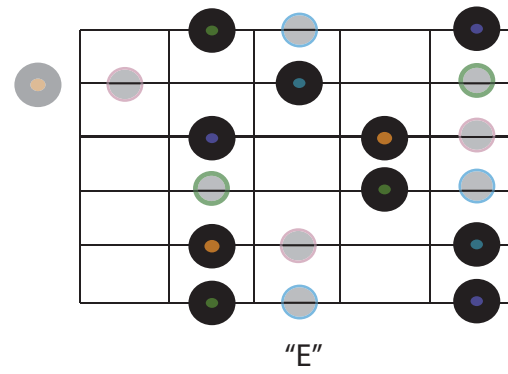
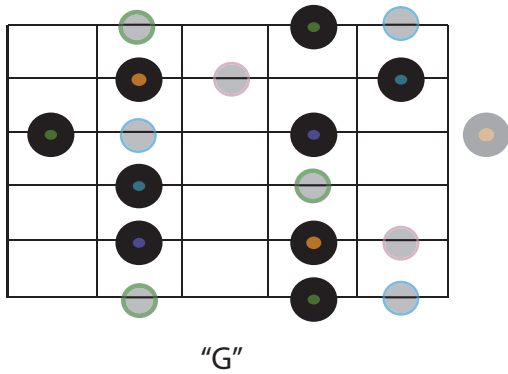
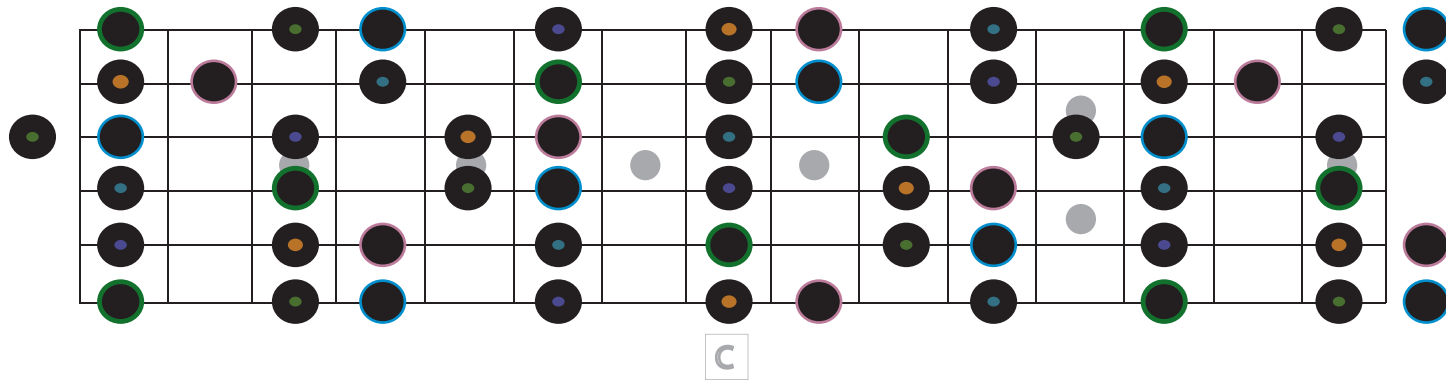
C Phrygian

Minor

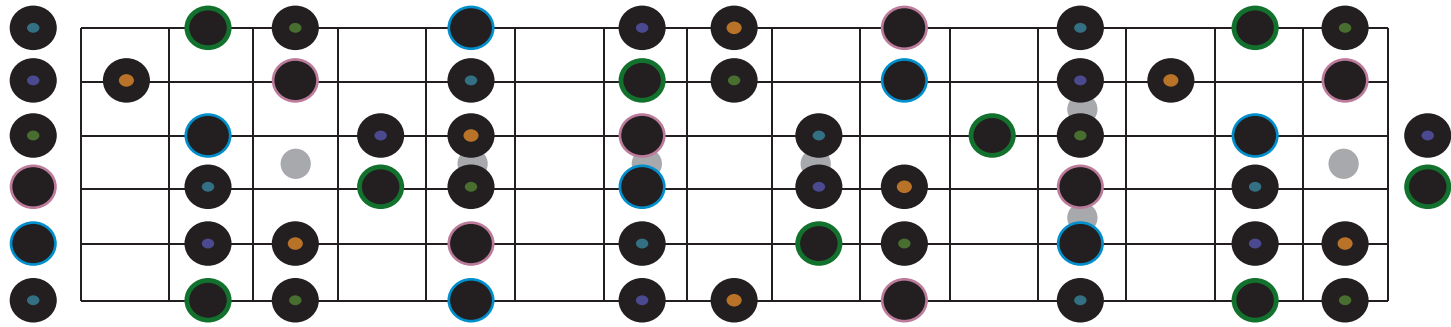
b2, b3, b6, b7
s-T-T-T-s-T-T

III

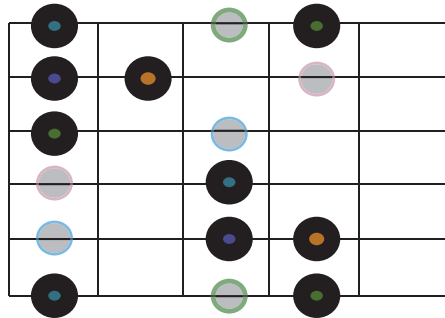
Relative Ionian is
b6



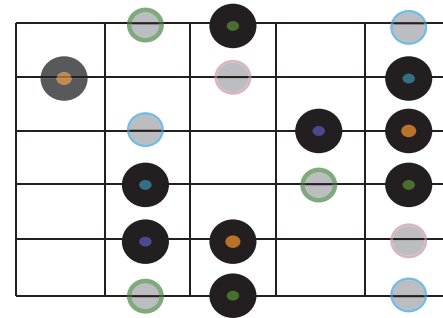
C Lydian
Major
#4
T-T-T-s-T-T-s
IV



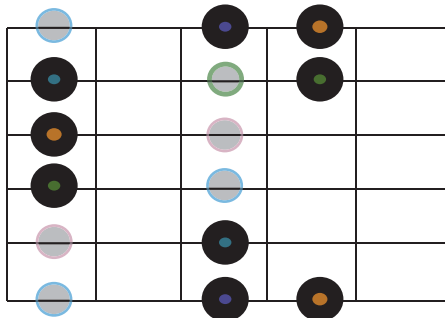
Relative Ionian is
5th



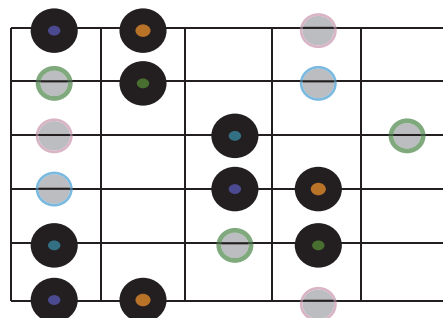
"G"



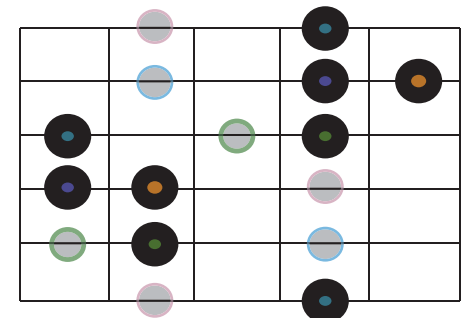
"E"



"E"



"C"



"A"

C Mixolydian

Dominant 7

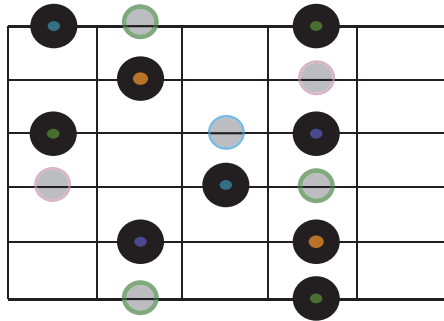
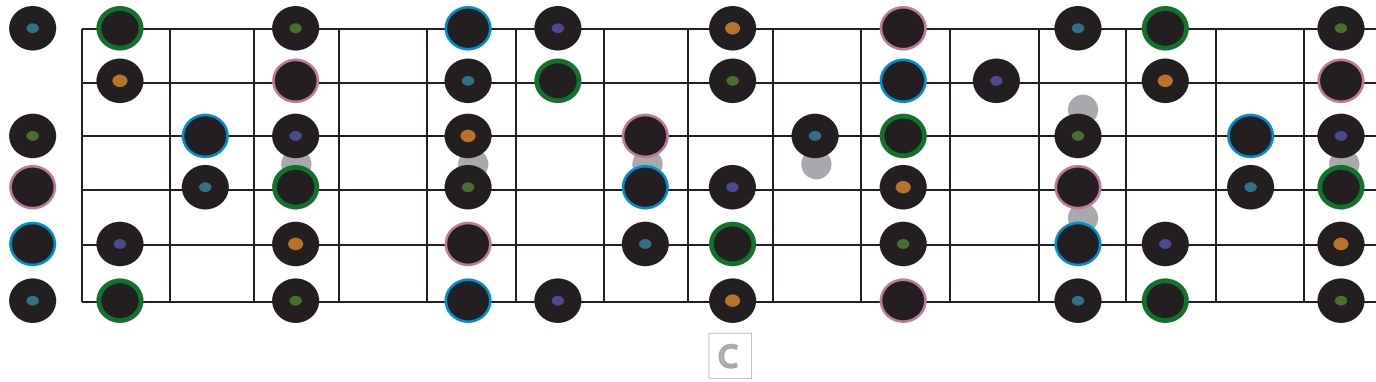
b7

T-T-s-T-T-s-T

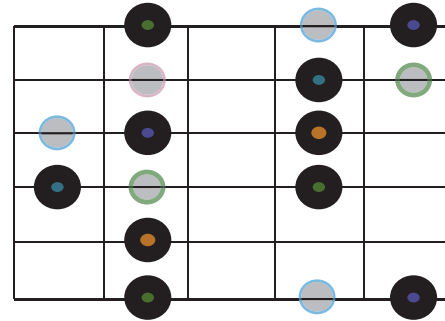
V

Relative Ionian is

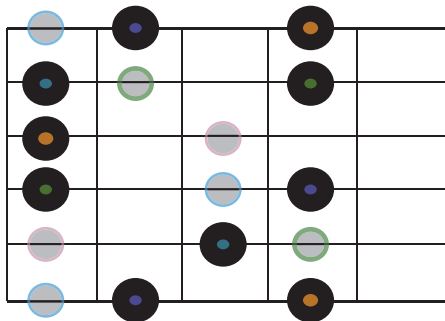
4th



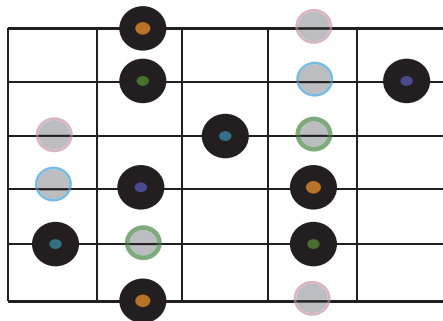
"E"



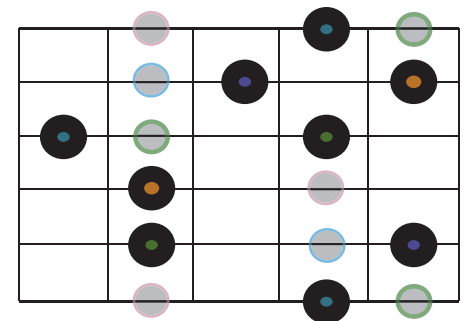
"D"



"C"

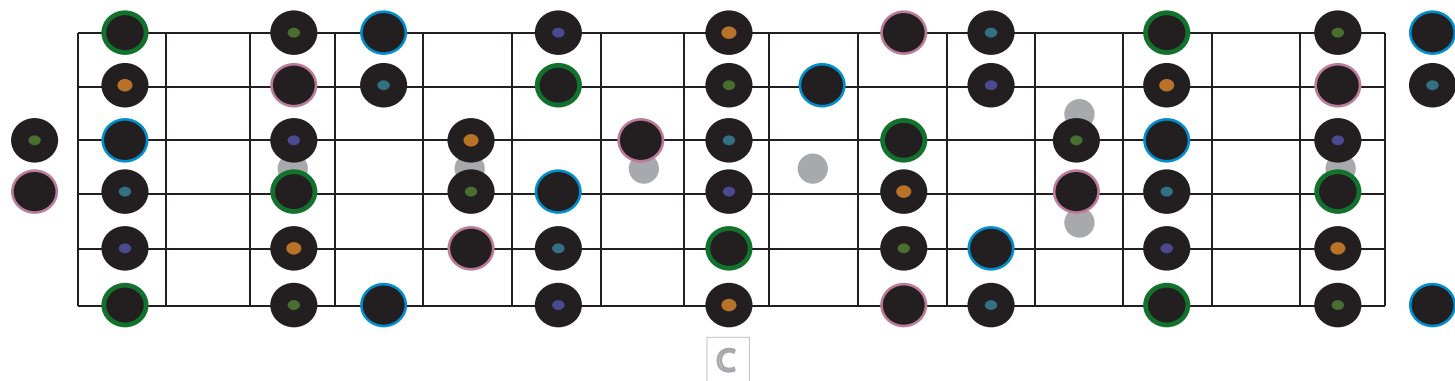


"A"

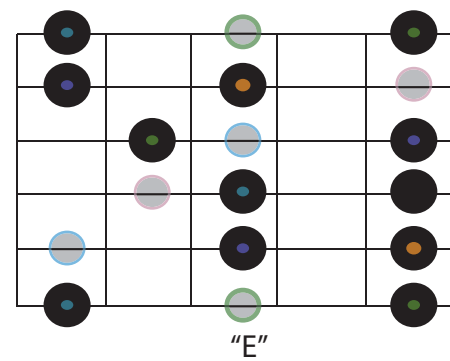
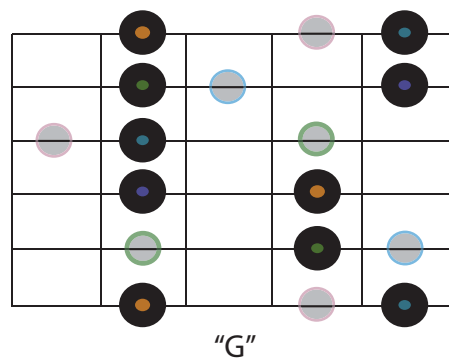
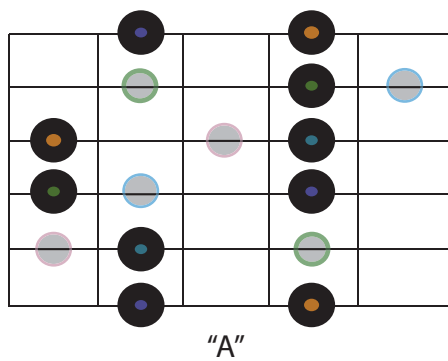
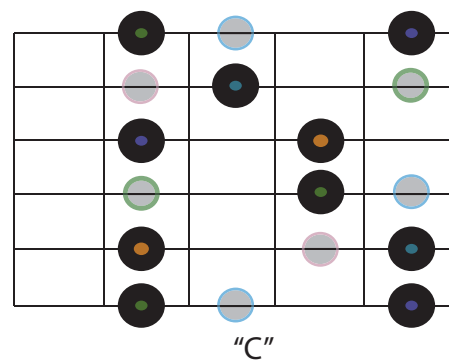
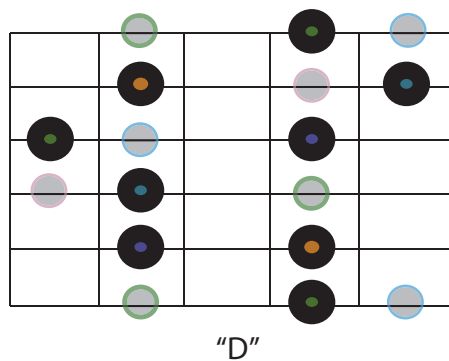


"G"

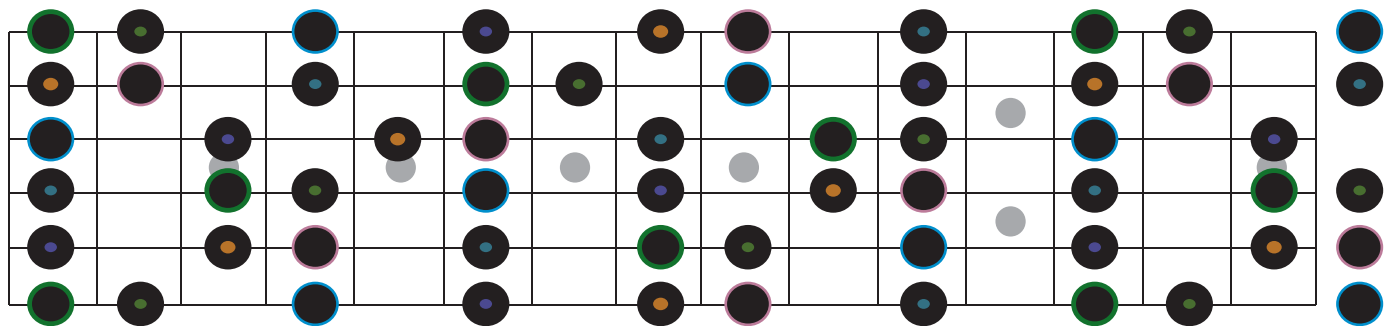
C Aeolian
 Minor
 b3, b6, b7
 T-s-T-T-s-T-T
 VI



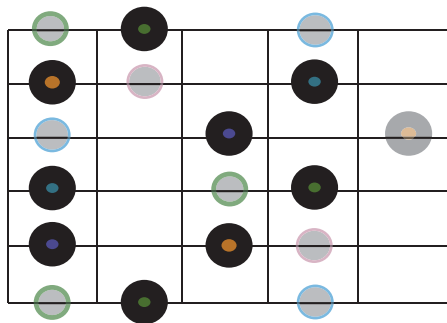
Relative Ionian is
 b3



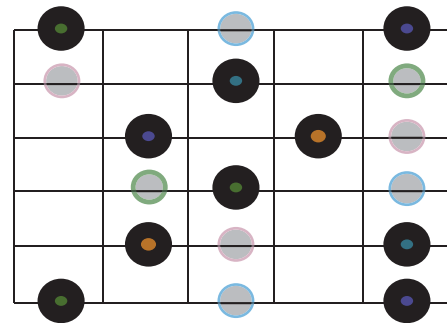
C Lorcian
 Half-Diminished
 b2, b3, b5, b6, b7
 s-T-T-s-T-T-T
VII



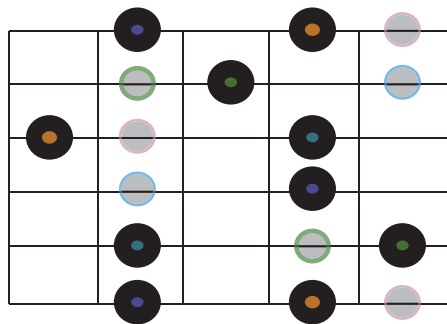
Relative Ionian is
 b2



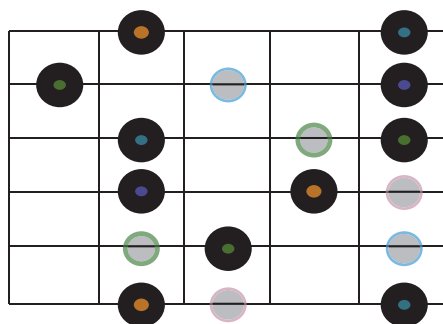
"C"



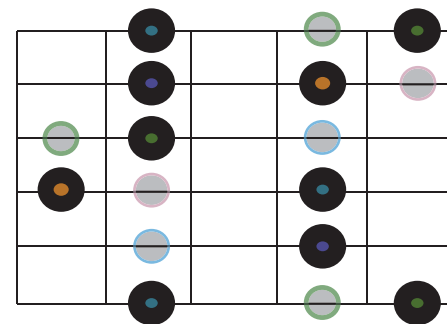
"A"



"G"

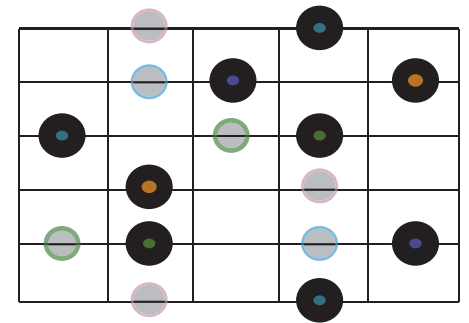
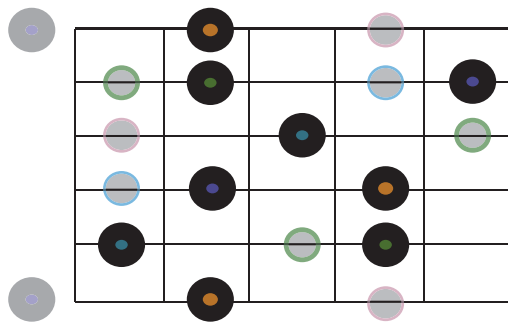
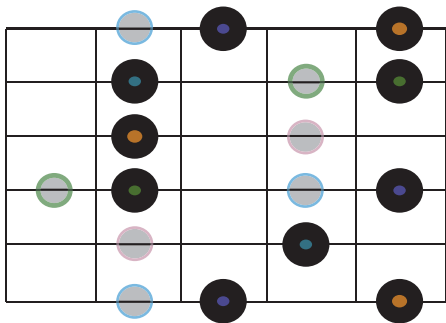
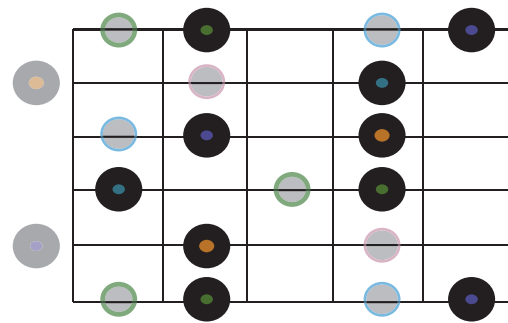
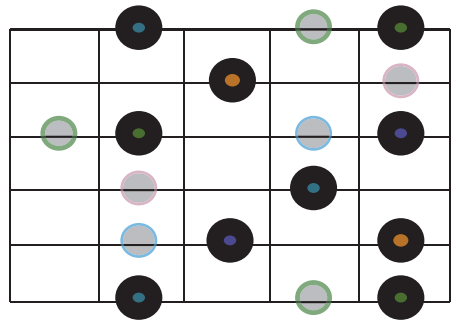
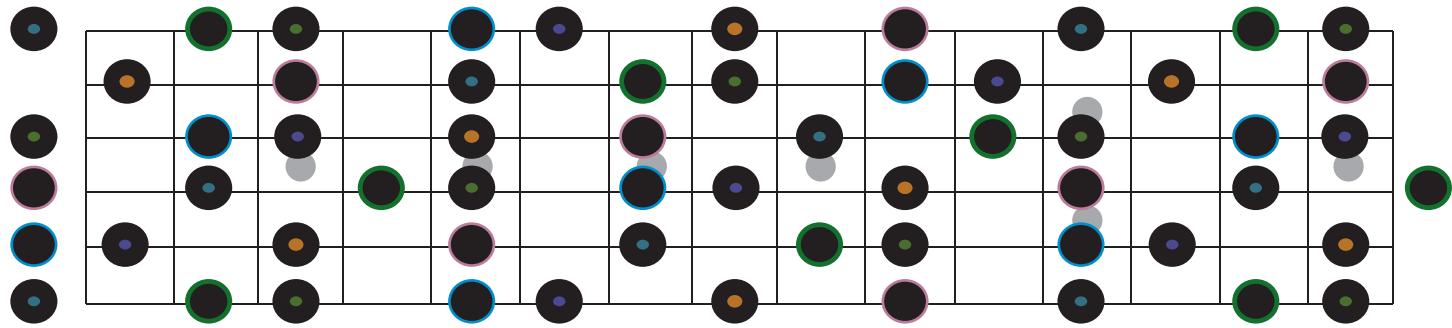


"E"



"D"

C Lydian b7
 Dominant 7
 #4, b7
 T-T-T-s-T-s-T
 IV_b7



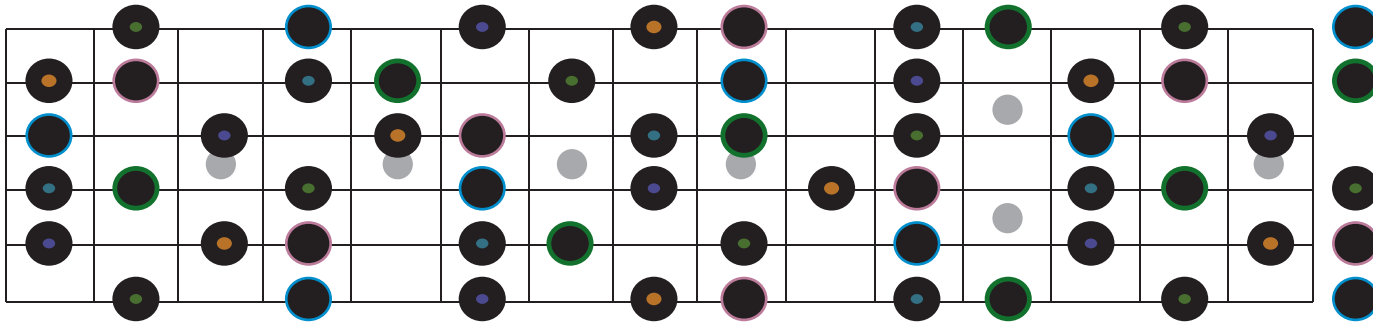
C Altered

Dominant 7

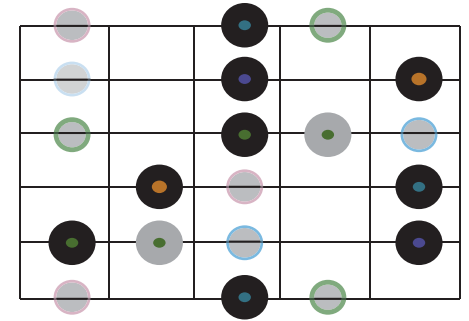
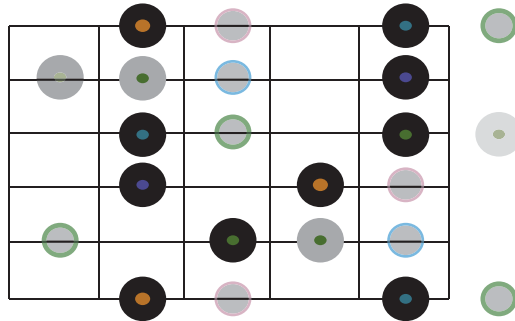
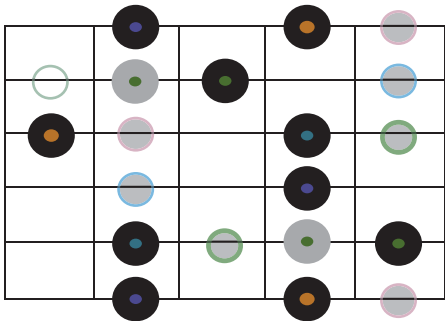
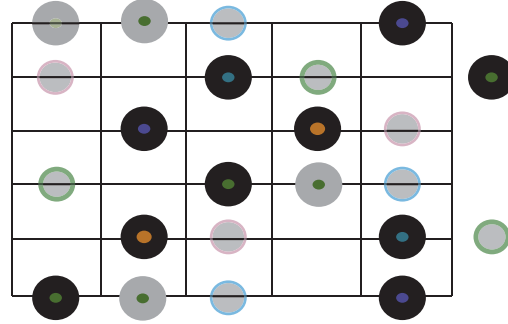
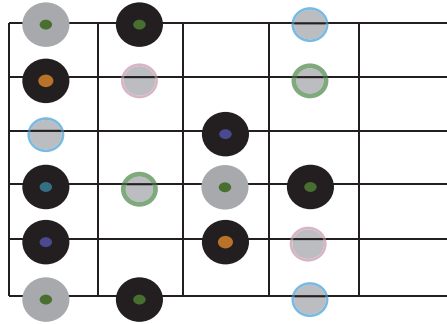
b9, #9, b11, #11, b6, b7
(plus 5th)

s-T-s-T-T-T-T

(II)

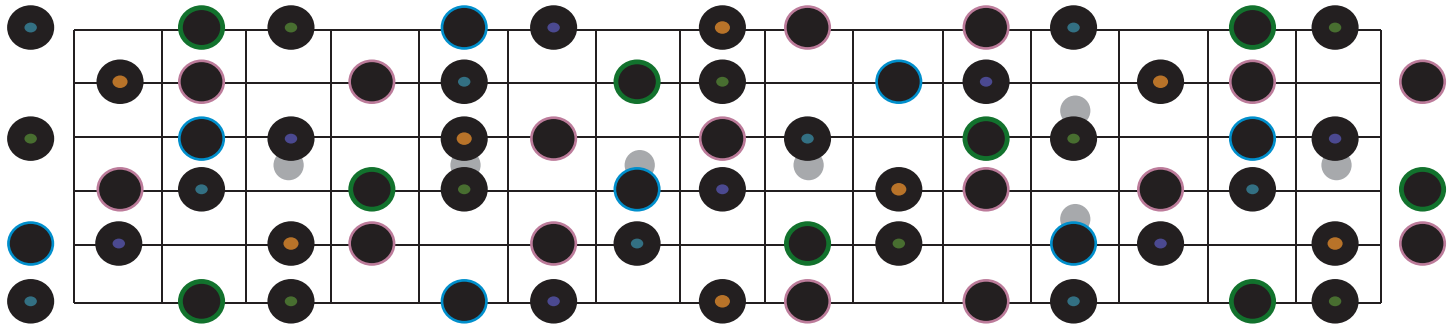


C

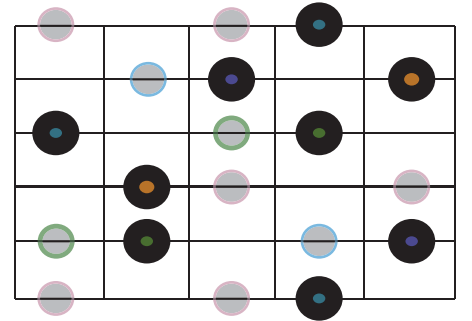
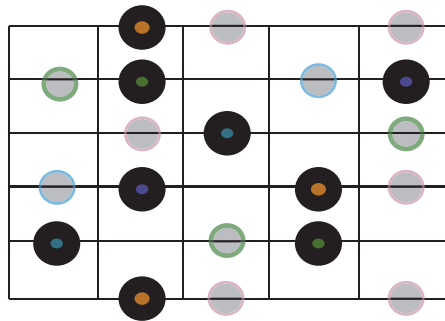
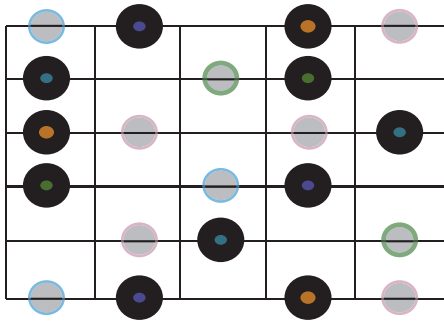
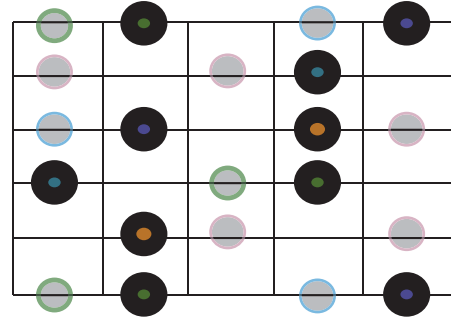
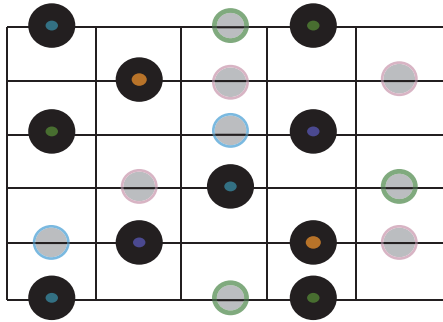


C Symmetrical Diminished

Dominant 7
 b9, #9, 3, #4, 5, 6, b7
 s-T-s-T-s-T-s-T

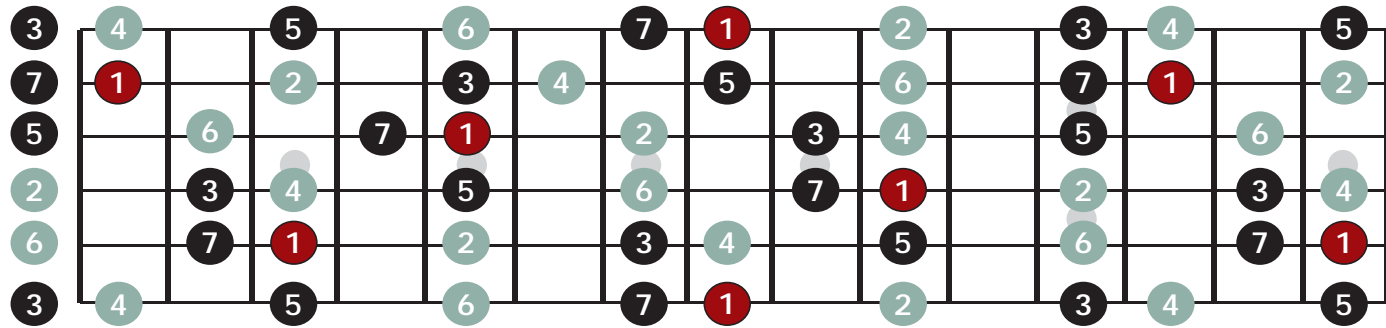


C



C Major Scale

Intervals

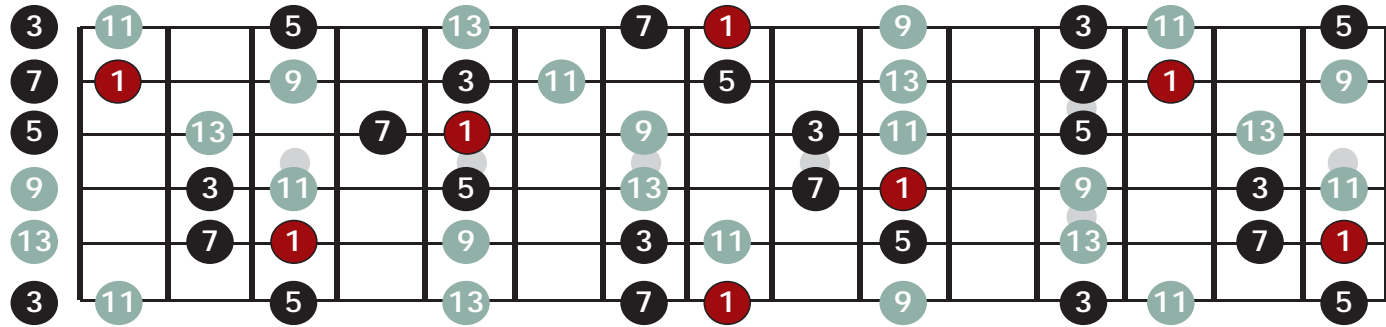


Extensions

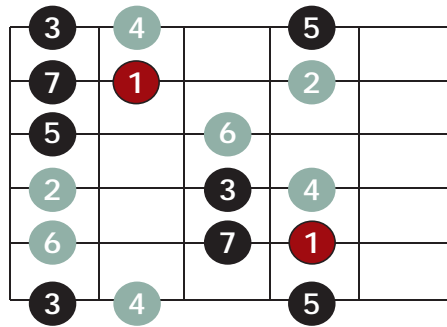
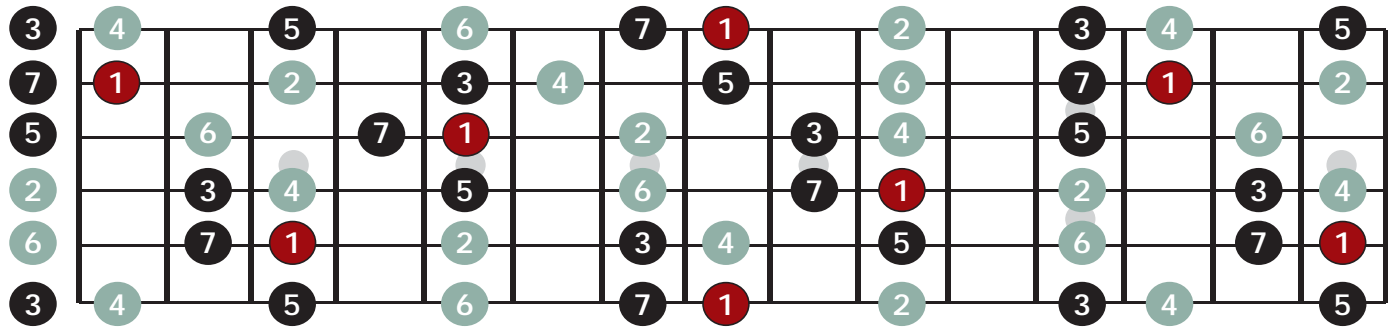
9 = 2

11 = 4

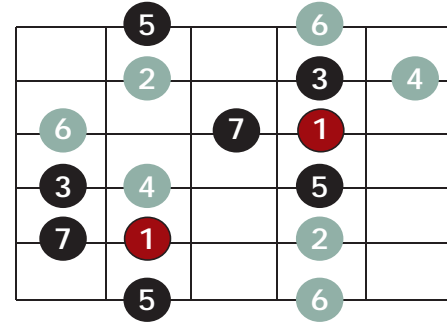
13 = 6



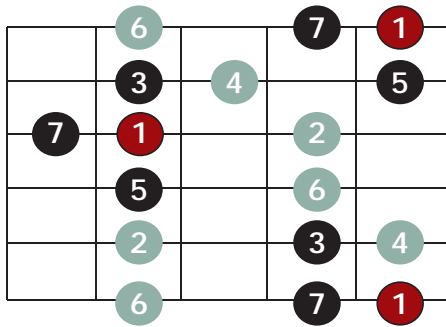
C Ionian
 Major
 Perfect
 T-T-s-T-T-T-s
 I



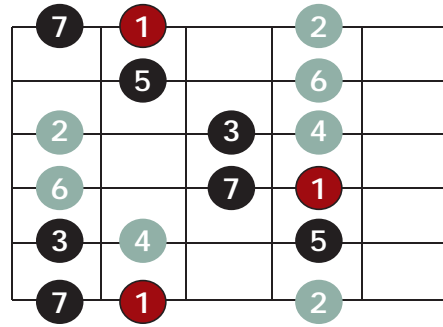
"C"



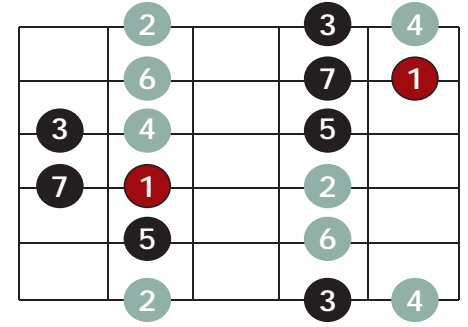
"A"



"G"

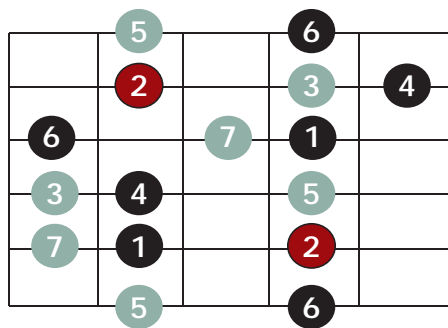
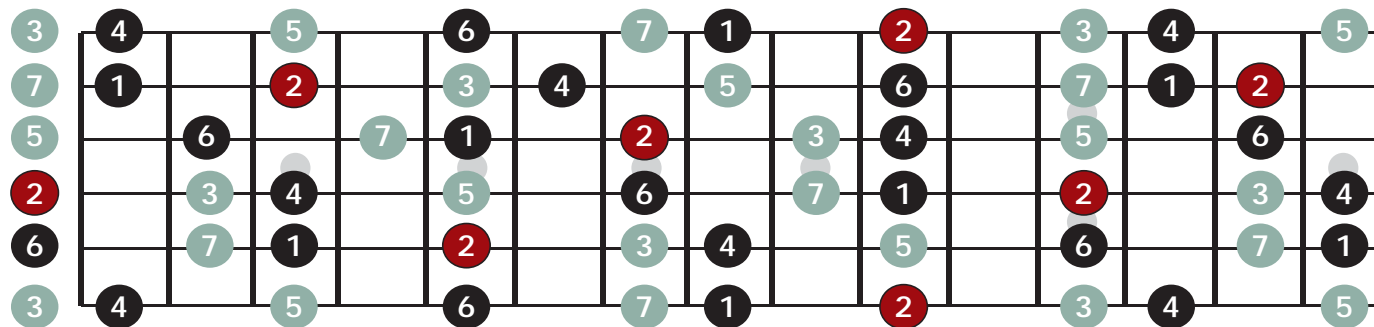


"E"

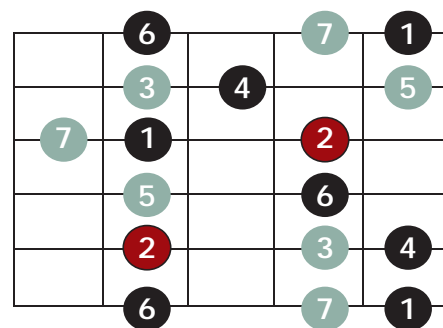


"D"

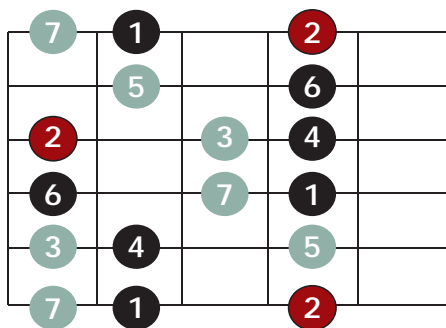
C Dorian
 Minor
 b3, b7
 T-s-T-T-T-s-T
 II



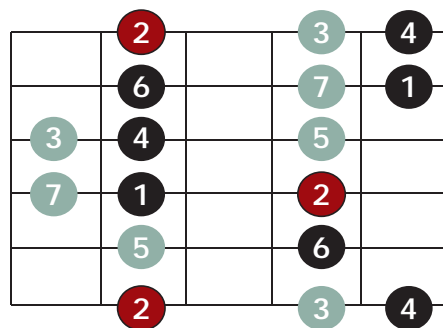
"A"



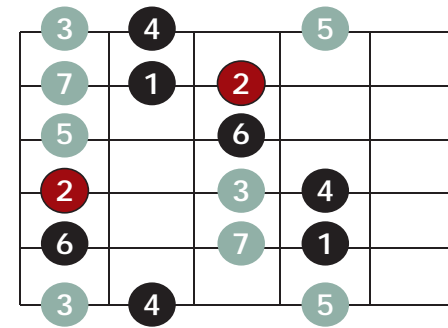
"G"



"E"

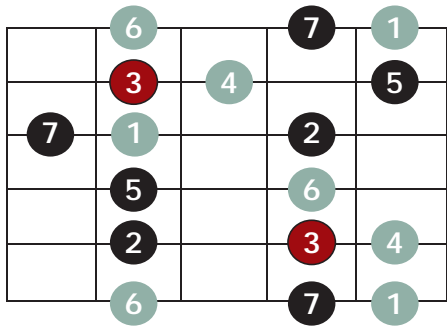
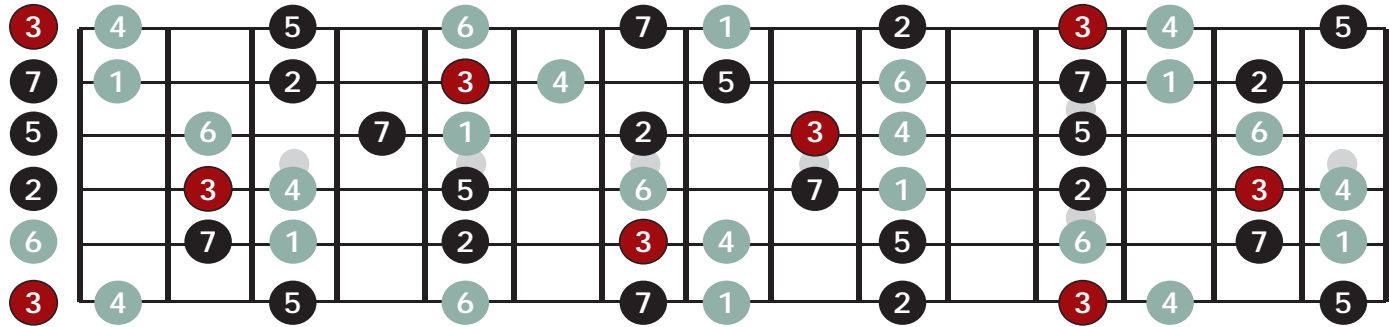


"D"

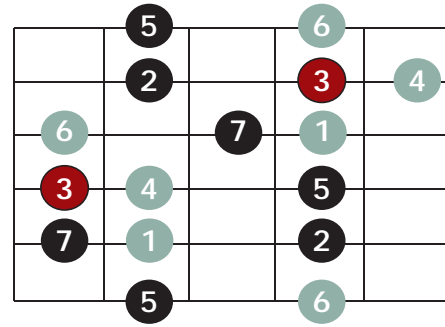


"C"

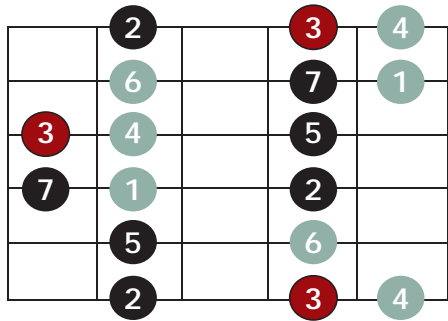
C Phrygian
 Minor
 b2, b3, b6, b7
 s-T-T-T-s-T-T
 III



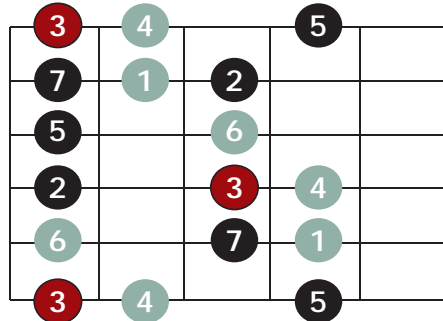
"G"



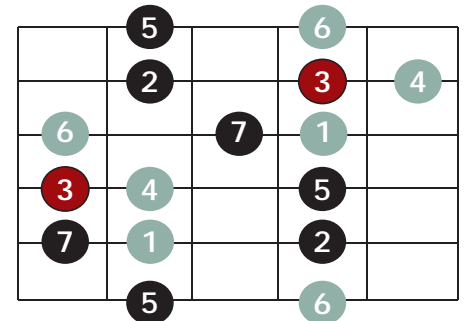
"E"



"D"

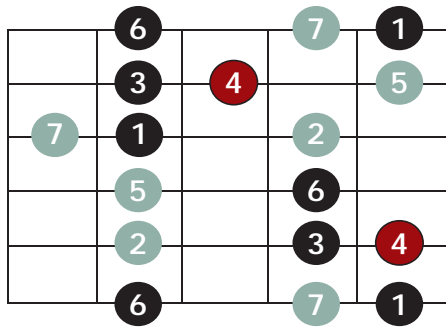
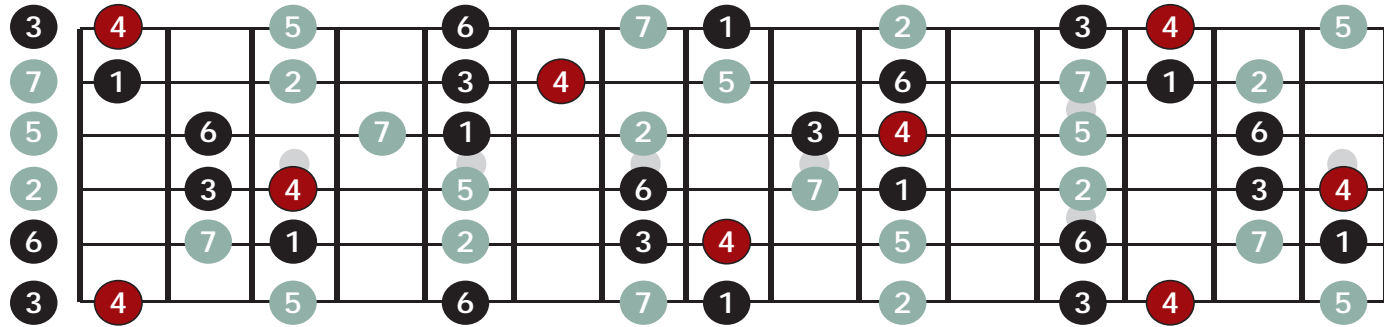


"C"

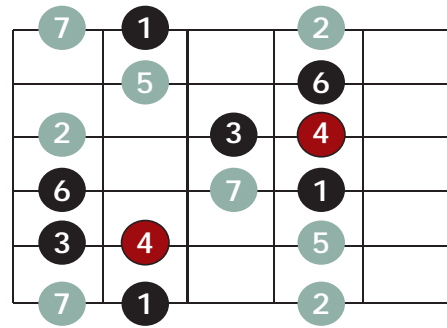


"A"

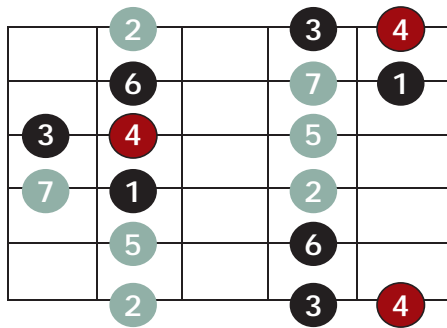
C Lydian
Major
#4
T-T-T-s-T-T-s
IV



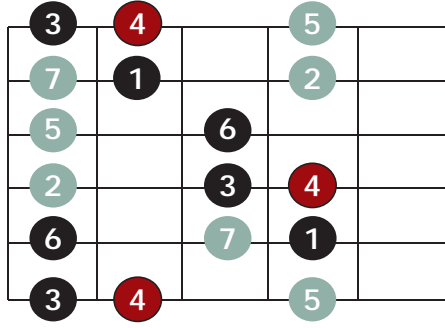
"G"



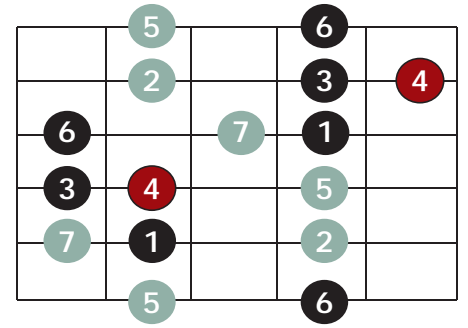
"E"



"D"

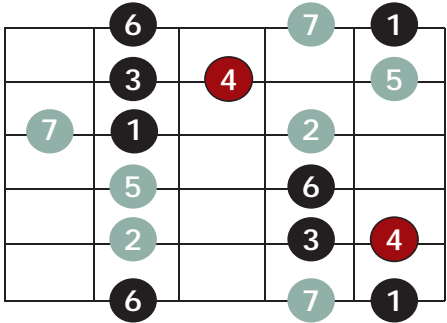
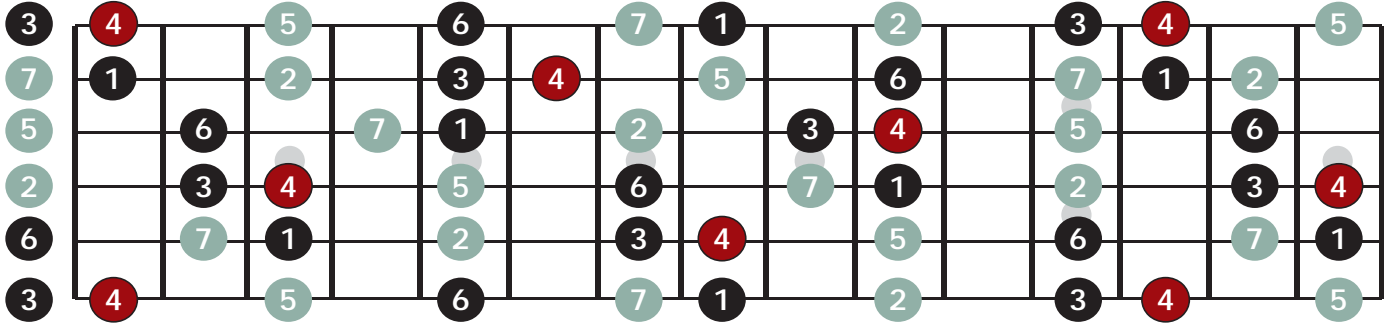


"C"

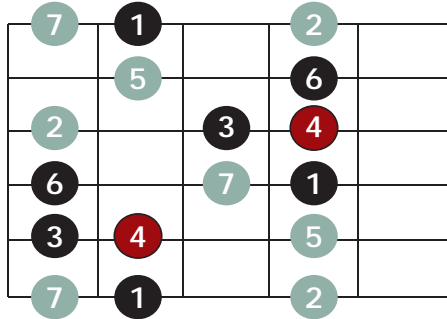


"A"

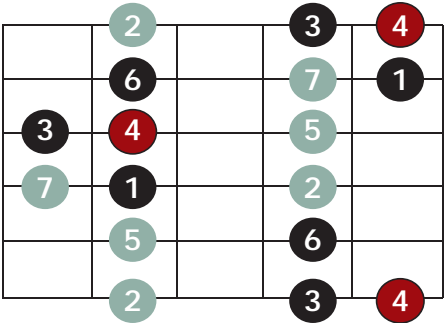
C Mixolydian
 Dominant 7
 b7
 T-T-s-T-T-s-T
 v



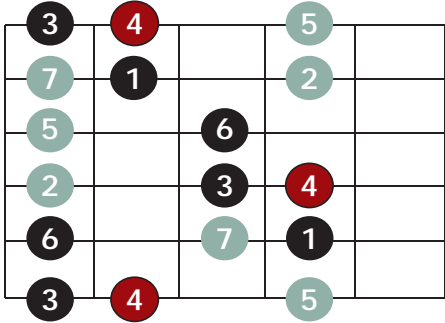
"G"



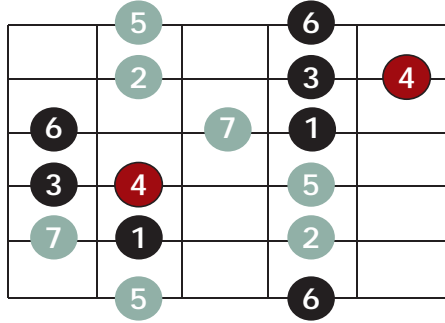
"E"



"D"

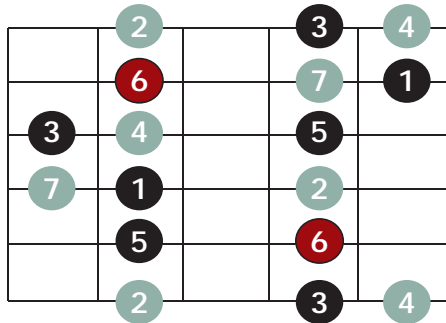
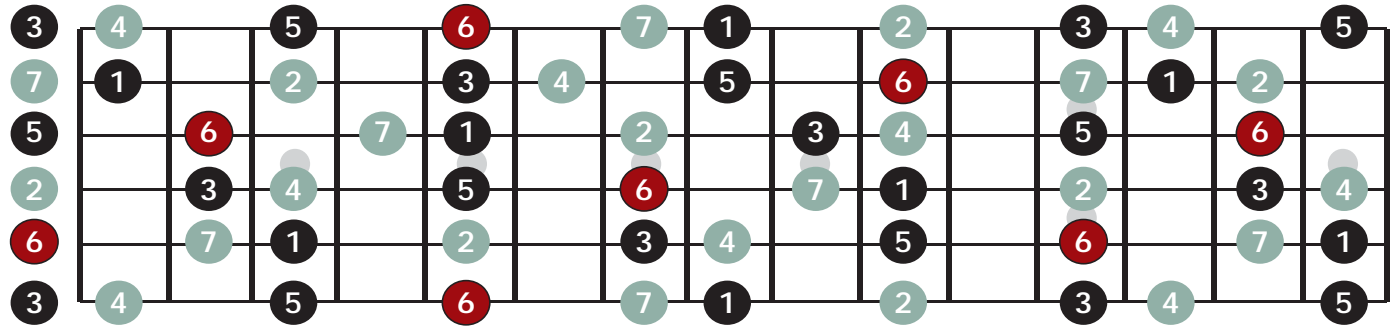


"C"

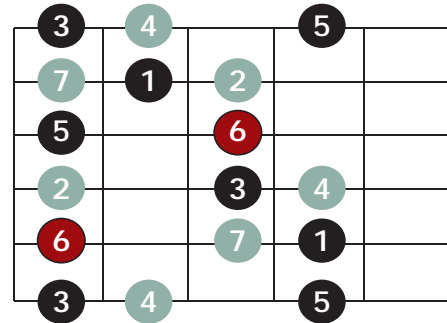


"A"

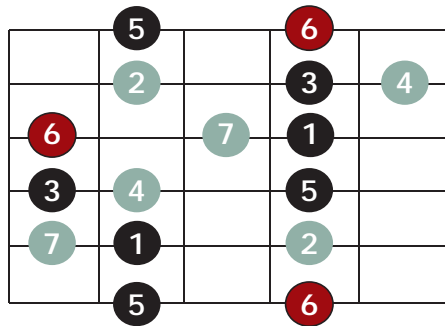
C Aeolian
 Minor
 b3, b6, b7
 T-s-T-T-s-T-T
 VI



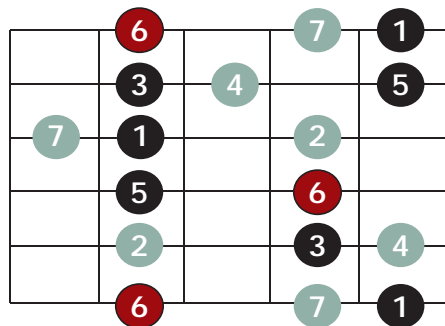
"D"



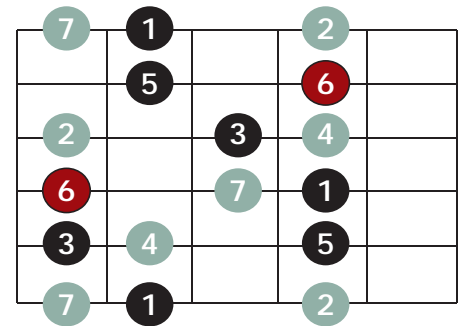
"C"



"A"

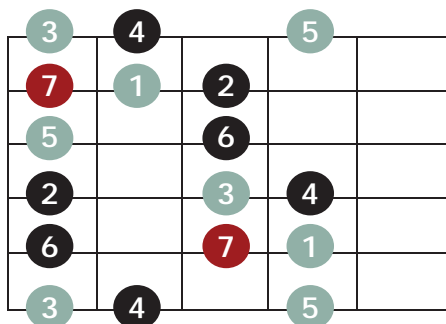
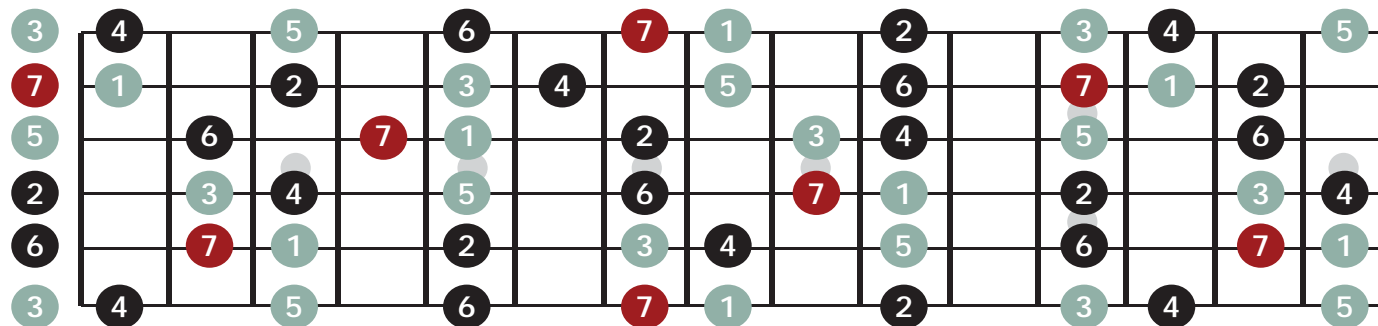


"G"

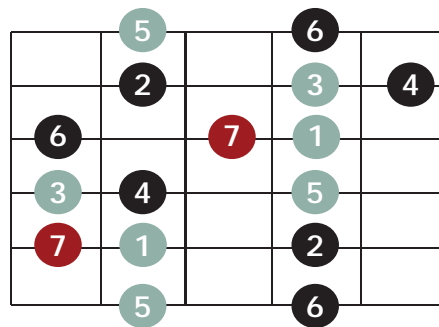


"E"

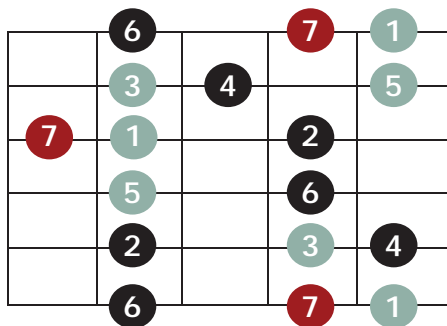
C Lorcian
 Half-Diminished
 b2, b3, b5, b6, b7
 s-T-T-s-T-T-T
 VII



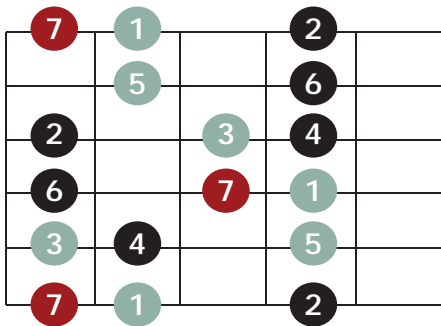
"C"



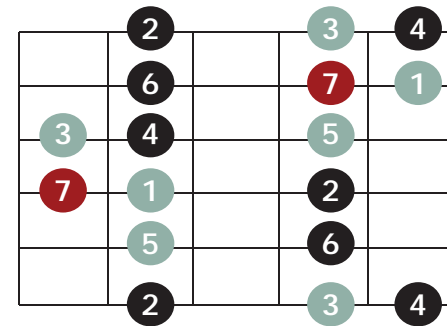
"A"



"G"



"E"



"D"

Chords	Scales	Example Chord	Example Scales
Major triad Major sixth Major 69	Major/Ionian	CM = 1, 3, 5 CM6 = 1, 3, 5, 6 CM69 = 1, 3, 5, 6, 9	Ionian 1,2,3,(4),5,6,7
Major seventh Major ninth Major thirteenth	Major/Ionian	CM7 = 1,3,5,7 M9 = 1, 3, 5, 6, 9 M13 = 1, 3, 5, 7, 9, 13	Ionian (1), 2, 3, (4), 5, 6, 7
Major seventh #11 Major ninth #11 Major thirteenth #11	Lydian	CM7#11 = 1, 3, 5, 7, #11 CM9#11 = 1, 3, 5, 7, 9, #11 CM13#11 = 1, 3, 5, 7, #11, 13	Lydian (1), 2, 3, #4, 5, 6, 7
Minor triad Minor sixth Minor 69 Minor major seventh	Melodic minor	Cm = 1, b3, 5 Cm6 = 1, b3, 5, 6 Cm69 = 1, b3, 5, 6, 9 CmM7 = 1, b3, 5, 7	Melodic Minor 1, 2, b3, 4, 5, 6, 7
Minor seventh Minor ninth	Dorian	Cm7 = 1, b3, 5, b7 Cm9 = 1, b3, 5, b7, 9	Dorian 1, 2 ,b3, 4, 5, 6, b7
Seventh Ninth Thirteenth	Mixolydian (dominant)	C7 = 1, 3, 5, b7 C9 = 1, 3, 5, b7, 9 C13 = 1, 3, 5, b7, 9, 13	Mixolydian 1, 2, 3, (4), 5, 6, b7
Seventh #11 Ninth #11 Thirteenth #11	Lydian dominant	C7#11 = 1, 3, 5, b7, #11 C9#11 = 1, 3, 5, b7, 9, #11 C13#11 = 1, 3, 5, b7, 9, #11, 13	Lydian b7 1, 2, 3, #4, 5, 6, b7
Seventh sus4 (aka Eleventh)	Mixolydian	C7sus4 = 1, 4, 5, b7	Mixolydian 1, 2, 3, 4, 5, 6, b7
Seventh flat 9 Seventh sharp 9	Diminished, up half-step	C7b9 = 1, 3, 5, b7, b9 C7#9 = 1, 3, 5, b7, #9	Diminished up semi b2, b3, b4, #4, 5, 6, b7, 1
Seventh #5 #9 (aka Seventh alt)	Melodic minor, up half-step	C7#5#9 = 1, 3, #5, b7, #9	Melodic Minor, up semi b2, #2, 3, #4, #5,b7, 1